Congratulations on your sale of another VPM-3400.

You are delivering a quality product to your customer that comes with a guarantee from the factory, and the guarantee period begins on the date of delivery. Therefore, we kindly ask you to complete the below information and send or fax it to the factory. This will allow us to always be able to assist you in the best possible way.

Dealer: _____ Date of delivery: _____

Customer: _____

Customer's address: _____

Postal code: _____ Phone number: _____

Identification number of the machine:
_____

IMPORTANT – IMPORTANT – IMPORTANT -IMPORTANT

FOR THE DEALER

GUARANTEE REGISTRATION

TIMAN A/S
Fabriksvej 13 · DK-6980 Tim · Phone +45 97 330 360 · Fax +45 97 330 350
E-mail: timan@timan.dk · www.timan.dk · CVR: 27609627

OPERATOR'S MANUAL
SERVICE BOOK

VPM – 3400

Original operator's manual

Applies to model RC-750 with type/serial number: V34-000-01 - V34-000-02

TIMAN

VPM 3400

OPERATOR'S MANUAL

SERVICE BOOK

DIAGRAMS

RADIO
OPERATOR'S MANUAL

SPARE PARTS CATALOG

TIMAN

OPERATOR'S MANUAL
SERVICE BOOK

VPM – 3400

Original operator's manual

Applies to model RC-750 with type/serial number: V34-000-01 - V34-000-02

TIMAN

CONTENTS

Congratulations on your new TIMAN VPM-3400

This operator's manual will assist you in the proper use, adjustment and maintenance of your new machine.

Before you start to drive or work with the new machine, read this operator's manual thoroughly, in particular the section on safety rules.

The indications right and left in the manual and in spare parts lists is the machine seen from behind in the driving direction.

1 MACHINE IDENTIFICATION DATA

Manufacturer: Timan A/S
Fabriksvej 13
6980 Tim
Tel.: +45 97 330 360
Fax: +45 97 330 350

timan@timan.dk

Seller (to be completed by the seller)

Title / Name

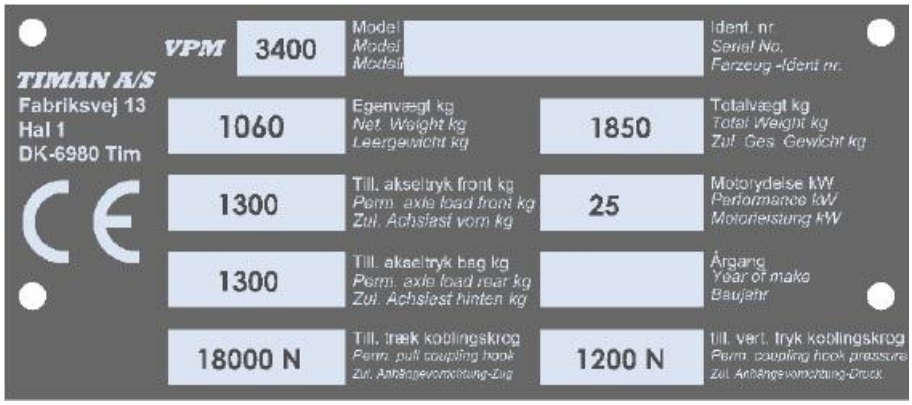
Address

Zip code

State/country

Telephone

Type label



Year Production year: e.g. 2014

Identification number: **Type – serial – machine number**

For example: V34-000 – 01 – 1001

1.1 Ordering spare parts:

Your dealer will be more than happy to help you maintain your new machine in order for you to be able to enjoy it as much as possible. After carefully reading these user instructions, you will find that you can carry out some of the servicing yourself. However, if spare parts or additional service is needed, contact the Timan dealer from whom you have purchased the machine or the nearest authorized Timan service.

For faster sending and preventing incorrect packages when ordering spare parts, please provide the following information:

- The identification number of the machine: _____
- The motor serial number:_____
- Spare part number and amount of parts required
- Delivery method

The motor serial number is on the valve cover. The machine type label is on the right protective cover under the driver's cab. The vehicle identification number is stamped onto the protective cover on the right under the hydraulic tank. Find these numbers and write them above on the front page of the catalogue.

2 SAFETY RULES

IF THIS SYMBOL APPEARS IN THE MANUAL, IT CONCERNS YOUR SAFETY

The user is responsible for mounting the protective cover, overall use of the safety equipment and compliance with all safety provisions.
During transportation over public roads, the driver is responsible for ensuring that the machine is assembled with all the equipment required by the laws of the given country and that it is driven in accordance with the relevant laws and regulations (legislation) of the country.
Driving carefully is the best way to prevent accidents. Read this chapter carefully before you start using the machine. All drivers, regardless of their level of experience, are required to read this manual and other related operating instructions before they start using this machine and its tools (attachments). The owner is responsible for giving all the drivers training on safe driving.

The safety rules are for ensuring your safety - therefore **DO NOT FORGET**:

1. Inform everyone who is unfamiliar with the safety rules and will be working with or near the machine about the safety rules.

2. Never start the machine before you are clear about your plan and intention.

3. Never start the machine before mounting and closing all protective covers. Immediately replace or repair missing or damaged protections.

4. Make sure all persons in the near vicinity of the machine keep a minimal distance of 5 m if the machine is running and working.

5. Turn off the motor and wait for the machine to stop running completely. Before cleaning, lubricating, adjusting or repairing the machine, remove the key from the ignition (start switch) and turn the main switch to the OFF position.

6. If a tool is mounted on the machine, the blocking (locking) device on the quick hitch must always be turned on.

7. Other passengers must never be present on the machine or in the driver's cab.

8. Never leave the machine without turning off the motor and removing the key from the ignition (and the parking brake must be activated).

9. You must not place any objects into the machine that can block its functions.

10. Never wear loose clothing when working with the machine and keep a safe distance from its rotating parts.

11. The machine must never be used to transport people, and only one person may be in the cab.


12. Beware of hot surfaces and exhaust gases due to burn hazards.


13. Do not touch working parts of the machine.


14. Keep the motor area clean and free of dust to prevent the possibility of fire.


15. Only open the motor area when the motor is off.


16. Before driving on public roads, make sure all the headlights and signal lights work and are in place.


17. Never handle open fire near the tank for diesel and oil, in particular when it is being filled.


18. Never leave the motor running in a closed space. Exhaust gas is dangerous and it can cause death.


19. Never drive in places where the machine can skid or tip over. Drive slowly on inclined planes (slopes). Never drive on inclined planes with a pitch angle greater than 15 degrees. If the machine tips over, hold the steering wheel firmly. Do not jump out of the machine.


20. Do not use the machine or any of its tools under the influence of alcohol, drugs and similar medicines or when fatigued.


21. Do not drive near ditches, holes, dams and other places in the terrain which can collapse under the weight of the machine. The risk of tipping over is increased if the surface is loose or moist.


22. Reduce pressure on the gas pedal in order to reduce speed when turning around and in quick turns.


23. Take a good look where you are driving.


24. Look back before and during reversing. Make sure there aren't any holes, obstacles and small children on the surface behind you. Pay extra attention if equipment, which blocks your rear view, is attached to the machine.

3 INTENDED USE OF THE MACHINE

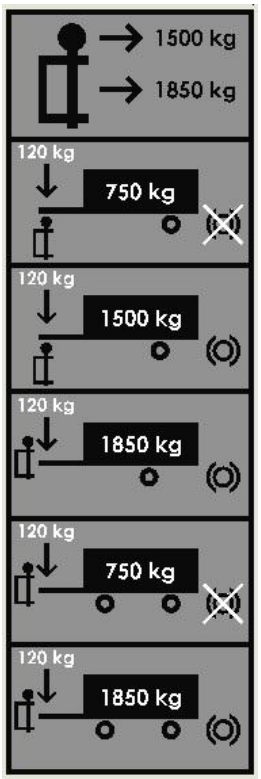
VPM 3400 is a universal tool carrier that can perform many tasks depending on the type of equipment attached to it. It could, for example, cut grass, sweep, cut live fences, remove snow, salt roads etc.
The respective tools may be attached to the machine on the front and at the rear. Furthermore, a combination of a fork and ball joint for towing tools and carts can be attached to the machine.
VPM 3400 may drive on public roads, and it is intended for professional operators.
The use of the machine depends on its tasks.

However, you must ensure that the loads and weights specified below will never be exceeded. Using accessories which exceed the maximum specifications specified below can lead to malfunctions, machine failure, damage to someone else's property and injury to the driver and/or other persons. The Timan guarantee does not cover any malfunctions or machine failures caused by using non-corresponding accessories.

3.1 Weight table for using tools and accessories

Front axle	Rear axle	Maximum permissible weight (total weight)
1300 kg	**1300 kg**	**1860 kg**

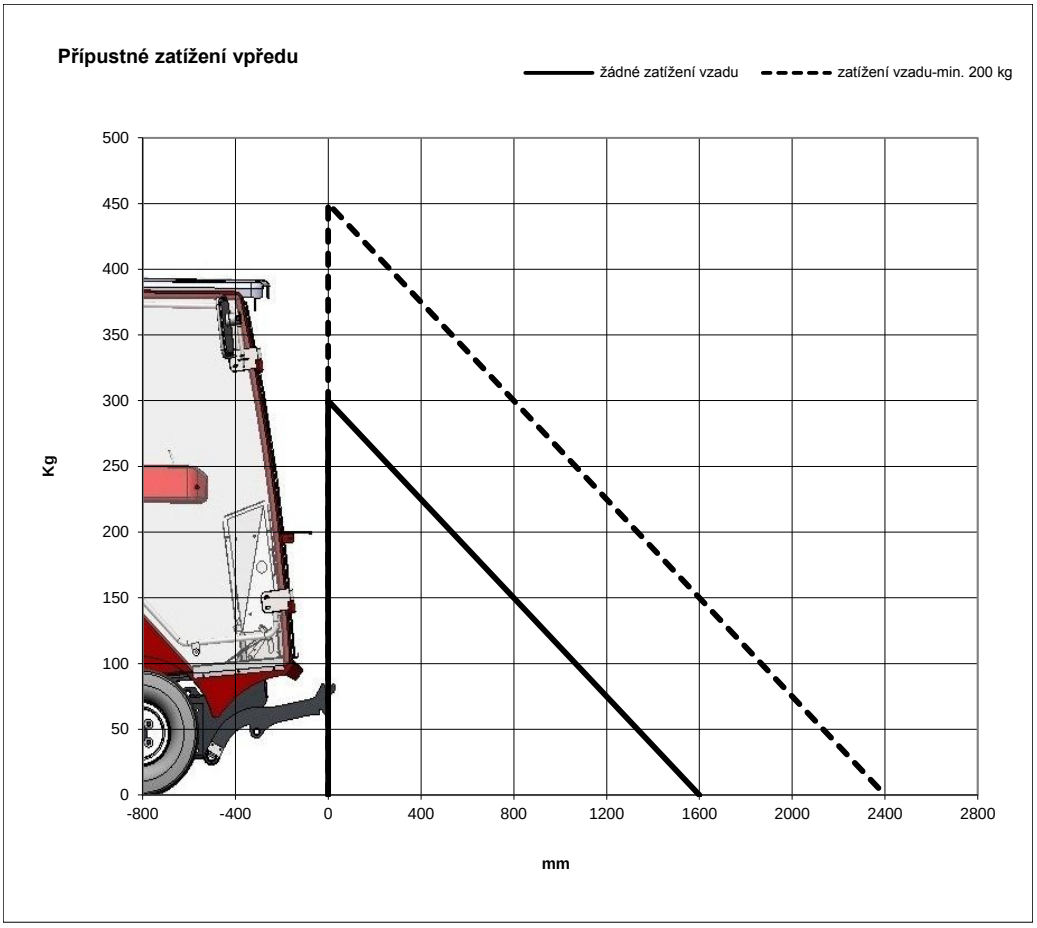
Towing pole (drawbar)
The maximum permissible load of the towing pole is specified on the picture. It is important to ensure that the vertical load of the towing pole is never greater than 120 kg (up/down). This rule applies even if the vehicle is connected with a coupling head and in the towing pole. If the vehicle is connected with a coupling head (see Fig no. 1 and 2), the maximum permissible weight (total weight) of the vehicle must be 1500 kg if it is equipped with overrun brakes and 750 kg if it is not.
Alternatively, the towing pole may be loaded with the vehicle, which is connected in the towing pole (see Fig no. 3). This may be done with the maximum permissible weight (total weight) of 1850 kg if the vehicle is equipped with overrun brakes. If the vehicle is connected with a towing pole, it must be a four-wheel vehicle (four-wheel drive) with a turntable steering axle (see Fig. no. 4 and 5) which has a maximum permissible mass (total mass) of 1850kg if it is equipped with overrun brakes and 750 kg if it is not. Only towing poles approved by Timan A/S may be attached.



1
2
3
4
5

3.2 The permissible load on the front of the machine

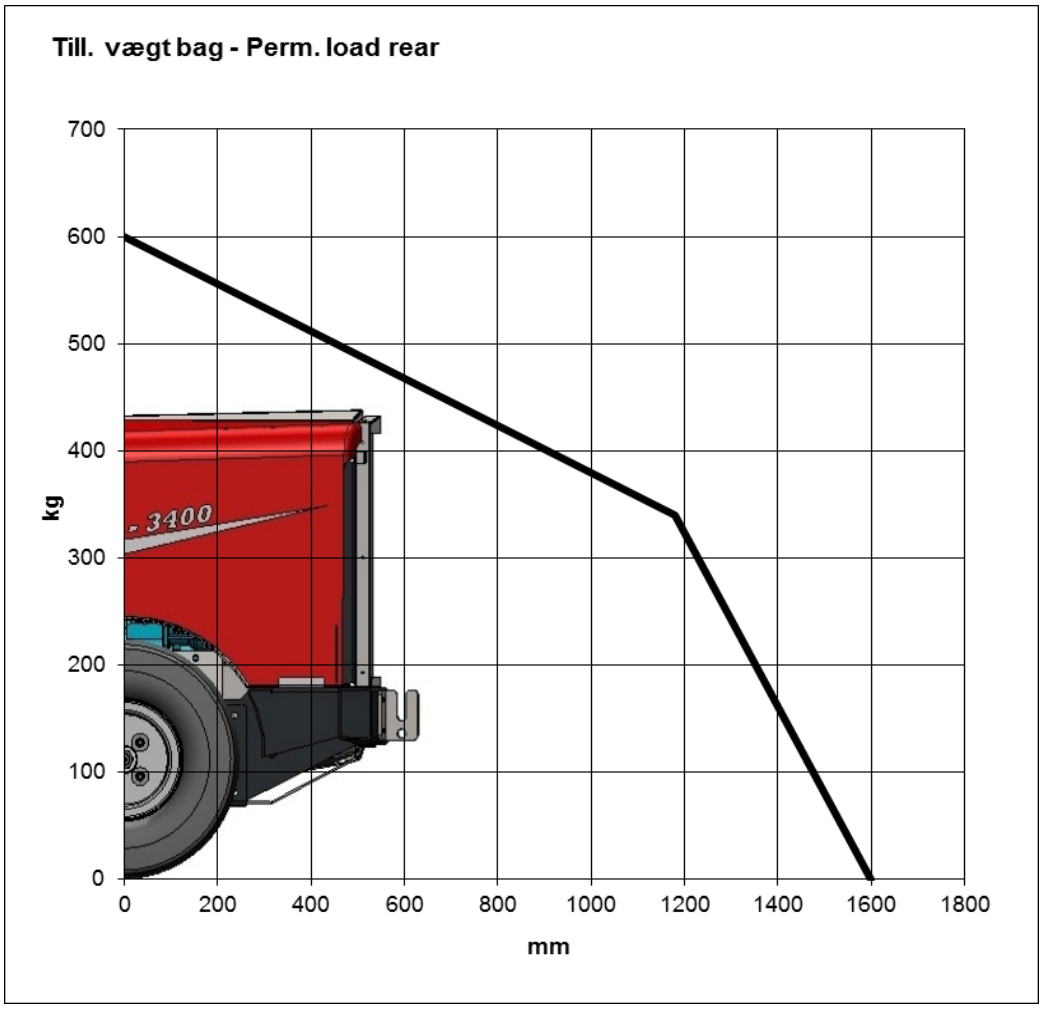
The maximum permissible load on the lifting arms is shown in the diagram below



The load must be positioned in the middle between the front wheels.
In the load table, point 0 is shown on the lifting arm handle if it is in a vertical (upright) position. It is measured from the handle on the lifting arms where the quick coupler is connected (quick coupler device).
For example, the arms may lift 150 kg with a load placed 800 mm away from handle without loading the rear end. When minimal load amounting to 200 kg is on the rear end, the arms may lift 300 kg at the same distance.

3.3 Permissible load on the rear end of the machine

The maximum permissible load on the rear end of the machine and load platform is specified in the diagram below.



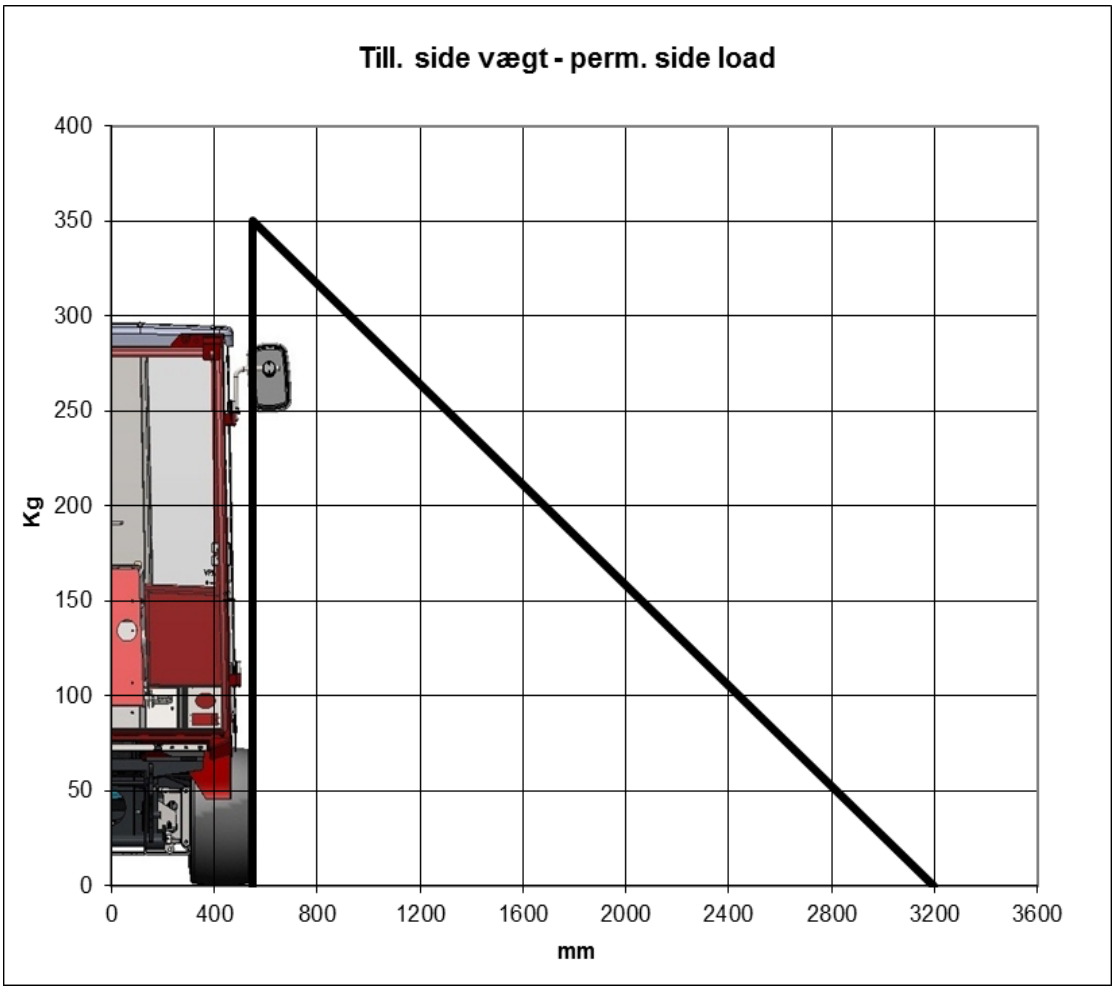
Caption: Permissible load on the rear end of the machine

The load must be positioned in the middle between the rear wheels.
The maximum permissible load on the load platform is 600 kg above the centre of the rear wheels.
The distance from centre of the rear wheels to the rear end of the machine is 600 mm.
For example, the rear end may carry a load weighing 400 kg with the centre of gravity positioned 900 mm away from the centre of the rear wheels - 300 mm if the measurement is taken from the rear end of the machine.

Important: It is necessary to use the original Timan A/S tool frame when loading the rear end.

3.4 Maximum permissible side load of the machine

The maximum permissible side load of the machine is specified in the diagram below.



Caption: Maximum permissible side load of the machine

The mass table shows point 0 between the lifting arms and on the ball joint at the rear end of the machine (if it is attached).
Equipment for side loading may either be fixed to the front on the lifting arms or to the rear. The stated load is on the lifting arm holder or the rear end of the machine. If the tool is fixed further away than the holder, on the rear end of the machine, the weight that can be suspended from the machine decreases.

Important:

- Only one side load may be suspended from the machine at a time.

For example, the machine may carry a load weighing 200 kg with the centre of gravity positioned 1700 mm away from the centre of the lifting arms.

4 SAFETY RULES FOR MAINTENANCE AND ADJUSTMENT

1. Before any maintenance or adjustments to the machine, the motor must be turned off. Always remove the key from the ignition and turn the main switch to the OFF position (in order to prevent the motor from starting unexpectedly).

2. Make sure the machine is turned off completely before carrying out any maintenance or adjustments.

3. **Hydraulic machinery:**

   a. The machine's hydraulic machinery may only be used for its intended purpose, and maintenance and repairs may only be carried out by persons with knowledge of hydraulic machinery (including dangers associated with exposure to hydraulic fluid, in particular when it is under pressure).

   b. Without prior agreement with the seller, importer or Timan A/S service department, adjusting/changing the factory settings of the relief valves is prohibited.

   c. Liability for damages will not apply to damages caused by improper use or improper maintenance/repair.

   d. The used hydraulic components must comply with the rules and standards adopted by the technician.

   e. Before each use, check if the hoses are damaged (cracks, ruptures, inapt entanglement etc). Replace them immediately if they are damaged. Protect quick couplings from the ingress of water and dirt when they are not connected.

Note: Never try to find a leak in the hydraulic system by hand (with your hands) - hydraulic fluid under high pressure escaping from small leaks may not be visible and even a fine drop of oil can cause hand injuries. Use a piece of wood, cardboard etc.

4. **Radiator:**

Never unscrew the radiator cap when the radiator is hot. Hot water may spurt out.

5. **Battery:**

The battery contains an electrolyte with sulphuric acid which can cause severe burns and emit explosive gases. Avoid contact with the skin, eyes or clothing. Using it internally is prohibited. It is necessary to follow the precautions stated below:

a. Do not use open fire when inspecting the battery acid. Keep sparks, flames and lit cigarettes away from battery.

b. Prevent sparks from cable clamps when charging the battery or starting the motor with a booster battery. (Be careful not to produce sparks with the cable terminal, when charging the battery-or starting the motor with an auxiliary battery.)

c. When working near the battery, use protective eye wear.

d. When charging or using it in a closed space, ensure good ventilation.

e. Make sure the vent plugs are properly fastened and tightened.

If the electrolyte is ingested or exposed to skin or eyes, proceed as follows:

Skin: ***Rinse with cold water.***

Eyes: ***Rinse with cold water. Seek medical attention immediately.***

Internal ingestion: ***Seek medical attention immediately.***

When welding on VPM 3400:

1) Always disconnect the positive cable (+) from the battery, and put the main switch in the OFF position.
2) Always disconnect the plugs belonging to tools or other additional devices (attachments).

6. Always remount the protective covers if they were removed for adjustment or maintenance purposes. Always make sure all the nuts and bolts are tightened correctly after carrying out adjustments, see section: Tightening torque/torque moment. Make sure all the used tools are removed from the machine before remounting the protective covers and running the machine.

7. Before running the machine, ensure that all persons are out of its reach and at a visible distance for the machine operator.

8. Follow all the traffic safety provisions when repairing the vehicle.

9. Only use original Timan A/S spare parts.

5 EXPLANATIONS FOR THE WARNING SIGNS

While the machine was being developed, great effort was put into to protecting the operator from safety hazards. However, the machine may still pose a risk in special situations. Therefore, warning signs are placed on the machine in order to reduce the risk of damage. It is, therefore, important to pay attention to the risks listed on these signs. Carefully read the explanations for each warning symbol and learn their meanings.

Keep the warning signs clean and replace them immediately, if they get damaged or lost.

a. b. c. d.

e. f. g. h.

a. Caution - Read the manual before use.

b. Caution - Remove the key before maintenance and repair of the machine. (Stop the machine and put the main switch in the OFF position. Use the operator's manual.

c. Caution - keep a safe distance of at least 5 m.

d. WARNING. Risk of severed fingers or hand. Rotating blade, keep your fingers and hands at a safe distance.

e. WARNING. Risk of crushed fingers. Keep your hands at a safe distance.

f. Caution - in the event that the tractor tips over: firmly hold the steering wheel and don't jump out.

g. WARNING. Transporting other persons in the cab, in the machine or on a towed or attached device is prohibited.

h. WARNING. Risk of crushed body. Standing around the machine when the motor is running is prohibited.

6 GUARANTEE STIPULATIONS FOR THE VPM-3400

Diesel motor:
It is a condition for the guarantee that the service intervals are strictly kept. You may acquire information concerning the service inspection intervals at the service department of your local dealer or importer or at the service department of Timan A/S.

1. Service inspection after 50 operating hours
then after every 200 hours of operation

Liability for defects upon delivery:

1. Any parts which are proven to be unfit for use or are found to have considerably reduced performance due to circumstances before the handover – in particular manufacturing defects, bad material or faulty design - will be repaired or exchanged free of charge at the reasonable discretion of the supplier. The supplier must be informed about thus detected defects immediately. Replaced parts are the property of the supplier.
(The guarantee period is 1000 operating hours or 12 months, whichever comes first.)
The responsibility of the supplier ceases 12 months after the article has left the supplier's factory or when the end customer takes it over.
For important parts of another brand, the supplier's responsibility is limited to the guarantee provided by the supplier of the other brand.
The service inspection plans and provisions in the service book must be followed and confirmed with a valid stamp which confirms that the guarantee is valid for the specified guarantee period.

2. The supplier is not liable for damages due to:

Unqualified or unskilled operation, incorrect mounting or starting up carried out by the customer or third party, natural wear, incorrect or careless handling, unfit working

means, the use of non-genuine parts, faulty repair, chemical or electric influence, or any other defect which cannot be traced back to the supplier.

3. For carrying out of all necessary improvements and replacement supplies according to the reasonable estimation of the supplier, the customer must, after agreement with the supplier, allow the time and occasion necessary for the supplier. Otherwise the supplier is released from his responsibility. Only when there is imminent risk of the working safety or for the prevention of disproportionately greater damage, in which cases an agreement has to be made with the supplier at once, the customer is entitled to repair the break down himself or have it repaired by a third party and then demand a previously agreed compensation from the supplier.

4. For all approved claims (in accordance with paragraph 2.) the supplier undertakes the expenses of spare parts incl. of freight as well as adequate labour costs at the suppliers known rates. Further, if it on some occasions can be demanded, also the costs of assistance from servicemen, whom he may have to make available. Other costs are the responsibility of the customer.

   Claim reports that are incorrectly completed will not be processed.
   Repairs are to be carried out immediately and not later than 14 days from the date of the damage.
   Claim reports not received by the importer eight days after the execution of the repair at the latest will not be approved.

   Claim parts returned on the request of Timan A/S must be at the factory not later than eight workdays after the receipt of replacement parts. Returned parts can only be approved, if they are provided with the mark and number of the claim report.

   Any complaints of decisions in connection with claims are to be advanced not later than three weeks from receipt of the treated claim.

5. Spare parts and repairs carried out by the supplier are guaranteed for 3 months. However, the guarantee runs at least till the end of the original guarantee period for the delivery.

6. The supplier has no responsibility whatsoever for the consequences of any unskilled changes or repairs carried out by the customer or third party without previous agreement with the supplier.

7. No further claims from the customer, especially for consequential losses not directly associated with the machine itself, will be considered.

7 NOISE (SOUND PRESSURE) AND VIBRATIONS

7.1 Sound pressure measurement

Four sound pressure measurements were taken on the machine.
Sound pressure measurement:

- While driving in accordance with directive 2009/63/ES 77 dB
- Measuring source intensity L_{WA} according to ISO 6395:2008 105 dB
- Measuring source intensity L_{WA} during an operating situation 109 dB
- Measuring sound pressure in the cab L_{PA} according to 2009/76/EF 79 dB

7.2 Measuring vibrations

Two vibration measurements were taken

- The vibration of the body on the seat was measured.

- Vibration of the hands/arms on the steering wheel was measured.

The measurements were taken with VibroControl.
A test procedure according to DS/EN 1032 was used.
Measurements were taken in 2 various operating situations

- Driving on a road at a speed of 20 km/h.
  Motor speed (revolutions) 3000 rpm
- Mowing grass with a Timan 1,35 m mowing conditioner
  Driving speed: 6 km/h
  Motor speed (revolutions) 2500 rpm

Body vibration when driving on a road: $a_{w\,max} = 0.48\ m/s^2$
Body vibration when mowing grass: $a_{w\,max} = 0.69\ m/s^2$

Vibration of hands and arms when driving on a road:
$a_{hv} = 0.60\ m/s^2$
Vibration of hands and arms when mowing grass:
$a_{hv} = 1.08\ m/s^2$

Vibration measurement uncertainty: ± 10 %

8 MACHINE CONSTRUCTION

It is an articulated machine which thus has a very small turning radius. The joint is located midway between the front and rear wheels, thus the rear wheels follow the route of the front wheels. The joint is firmly attached from the side in order to ensure greater stability when loads are being lifted. The machine also drives more smoothly on uneven surfaces. The machine is controlled by a control cylinder and Orbitrol connected to the hydraulic pump, which facilitates rotation of the steering wheel and machine even in difficult conditions.

The diesel motor is located in the rear. The driver's cab and lifting arms are located in the front.

Driving forward is enabled by a hydrostatic device with a pump and 4 hydraulic wheel motors. The four-wheel drive is always connected in order to ensure optimal tractive force/ pulling force.

The respective tools (attachments) may be attached to the machine on the front and on the back. The tools may also be lifted with the lifting arms. Furthermore, a combination of a fork and ball joint for towing tools and carts may be attached to the machine.

9 STEERING COLUMN, LIGHTS, CAB AND CEILING SWITCHES

1. Revolution/hour-counter (page 20)

2. Diesel tank meter (page 20)

3. Temperature of the water in the radiator (page 20)

4. Start switch (page 20)

5. Multifunction lever (page 21)

6. Quick P-brake lock (page 21)

7. Blinkers (page 21)

8. Quick-P-brake (page 21)

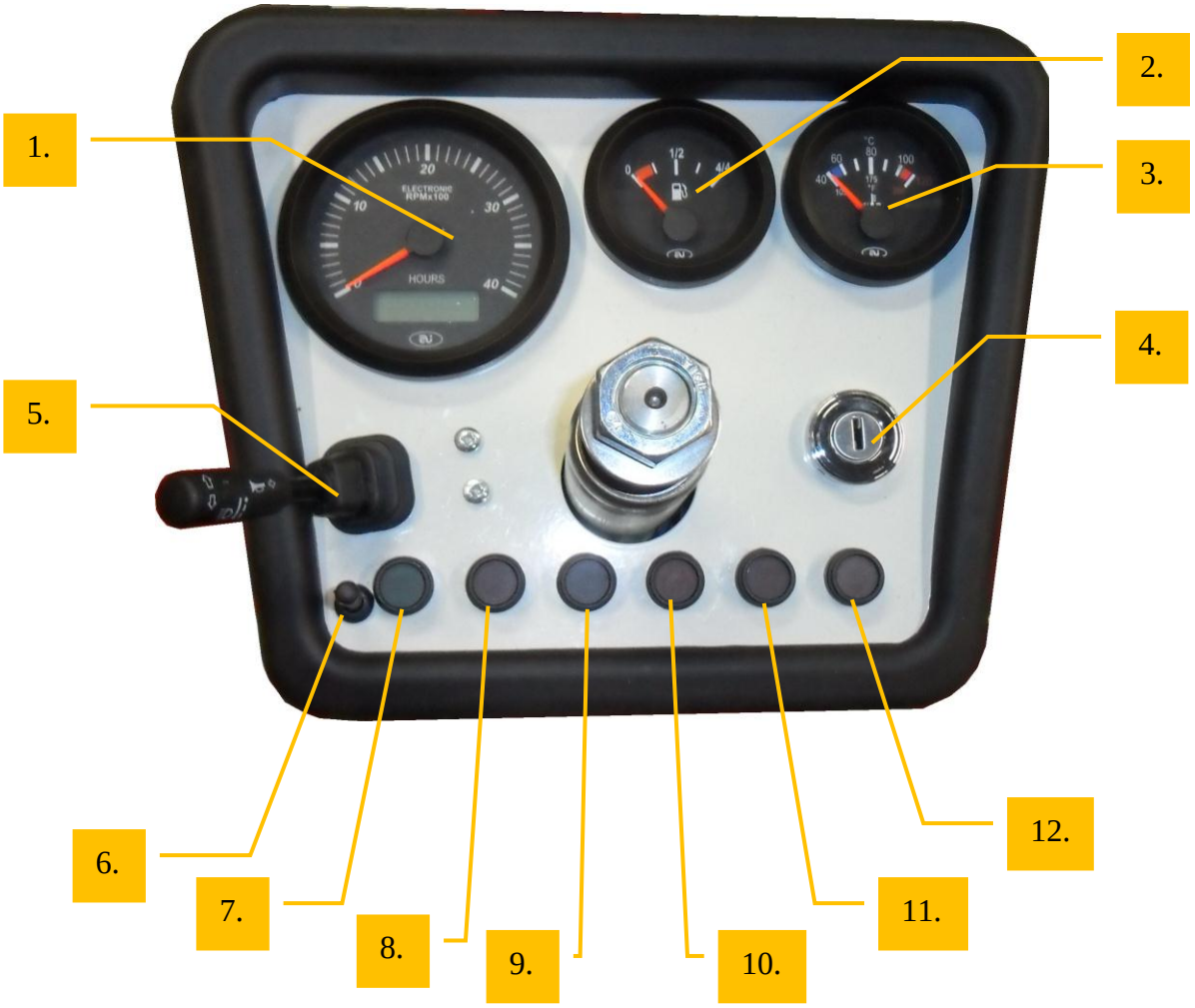
9. Long lights/head lights (page 21)

10. Preheater indicator (page 21)

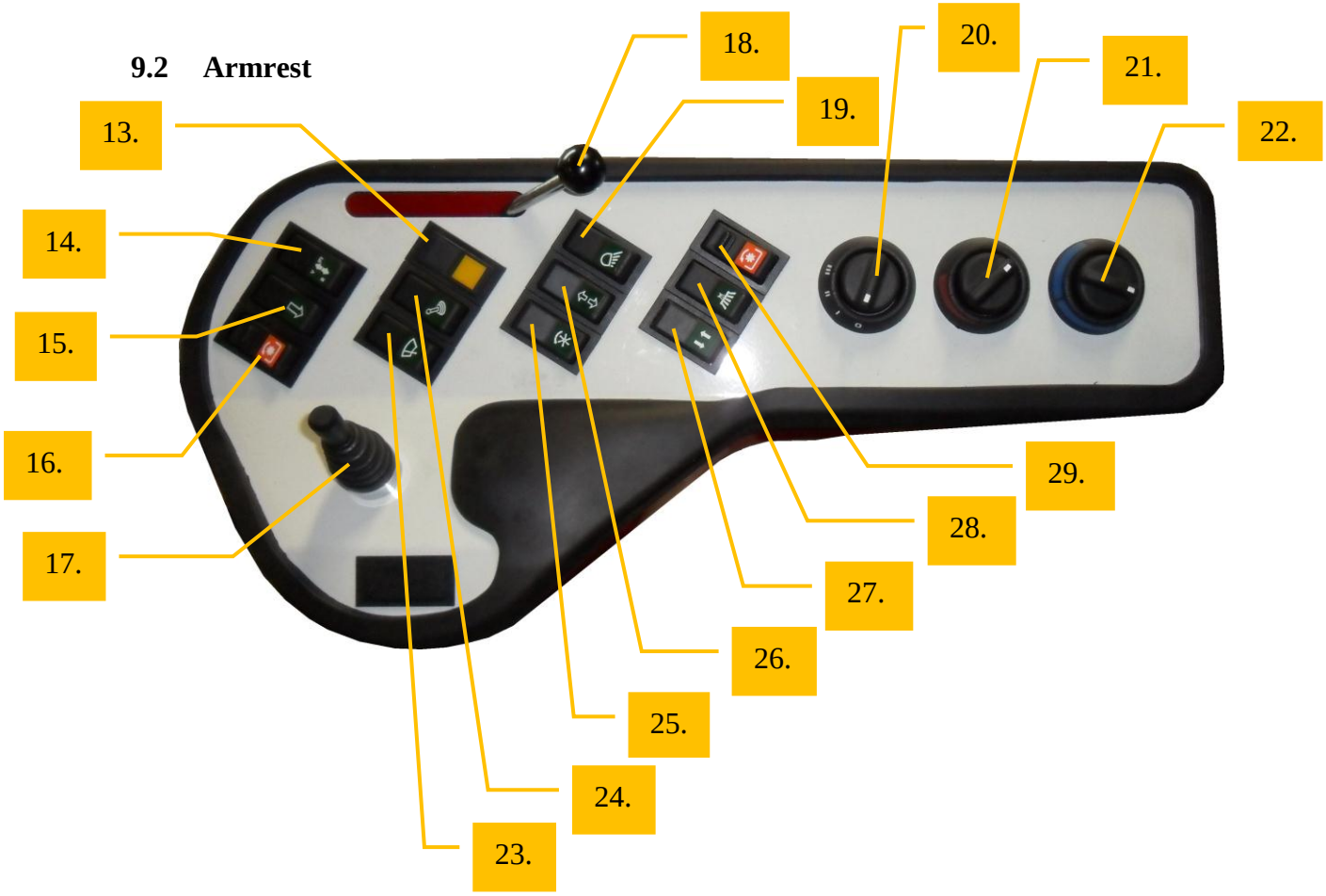
11. Charging indicator (page 21)

12. Oil pressure indicator (page 21)

9.1 Steering column



9.2 Armrest



13. Float position setting indicator (page 23)

14. Button to change the direction of rotation (page 24)

15. Button for lifting the front (page 24)

16. Terminal of the hydraulic power take off (PTO) - front (page 24)

17. Joystick – control lever (page 24)

18. Throttle control handle (page 24)

19. Lighting switch (page 24)

20. Fan switch

21. Heat regulation (page 24)

22. Air conditioning (additional equipment) (page 24)

23. Interval wiper switch (page 24)

24. Switch plug, 2 poles (page 24)

25. Switch plug, 3 poles (page 24)

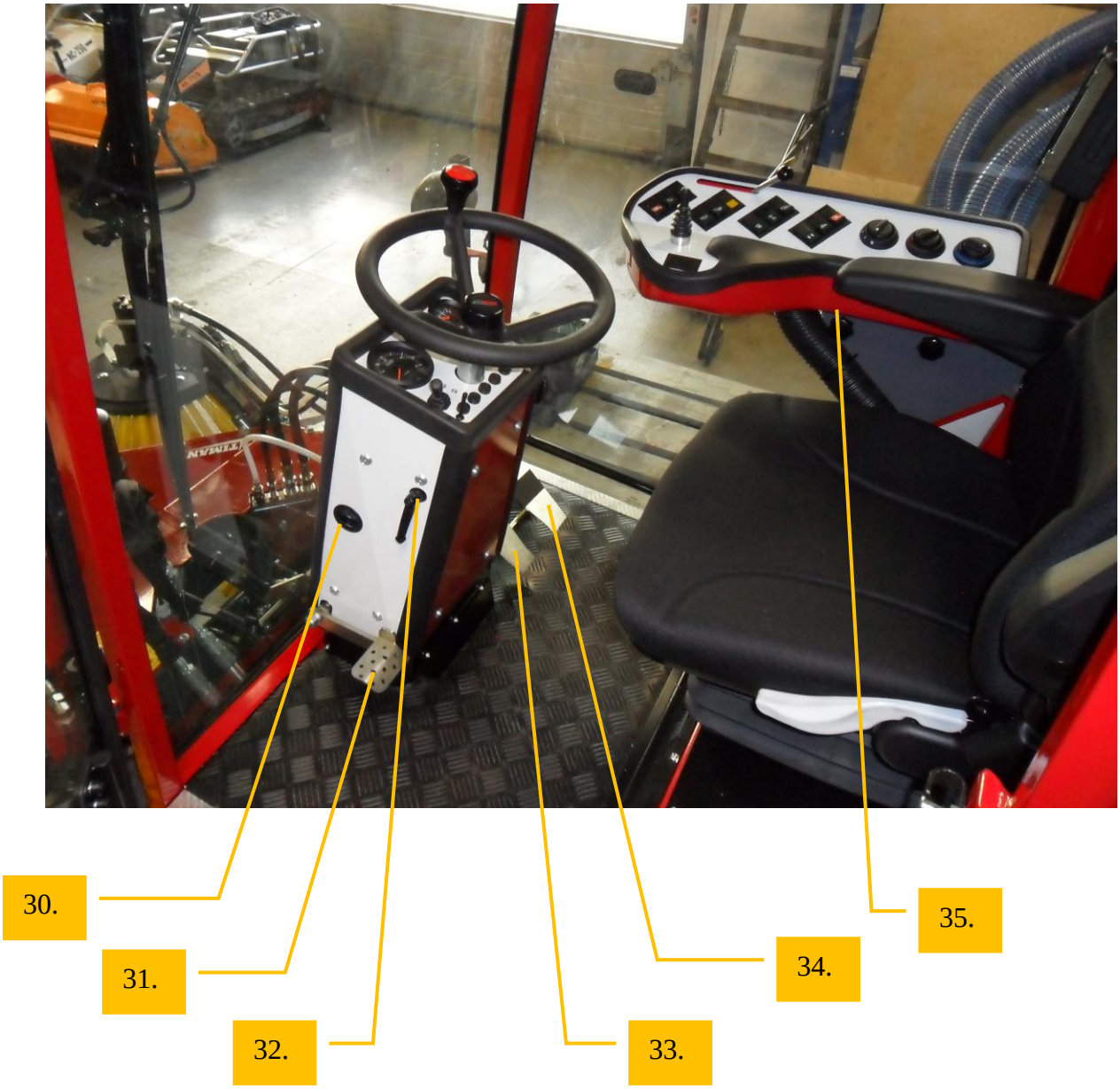
26. Double-action outlet (page 25)

27. 12V reversing switch (page 25)

28. 12V switch (page 25)

29. Terminal of the hydraulic power take off (PTO) - rear (page 24)

9.3 Cab



30. Air jet (page 25)

31. Brake pedal (page 25)

32. Adjusting the steering column (page 25)

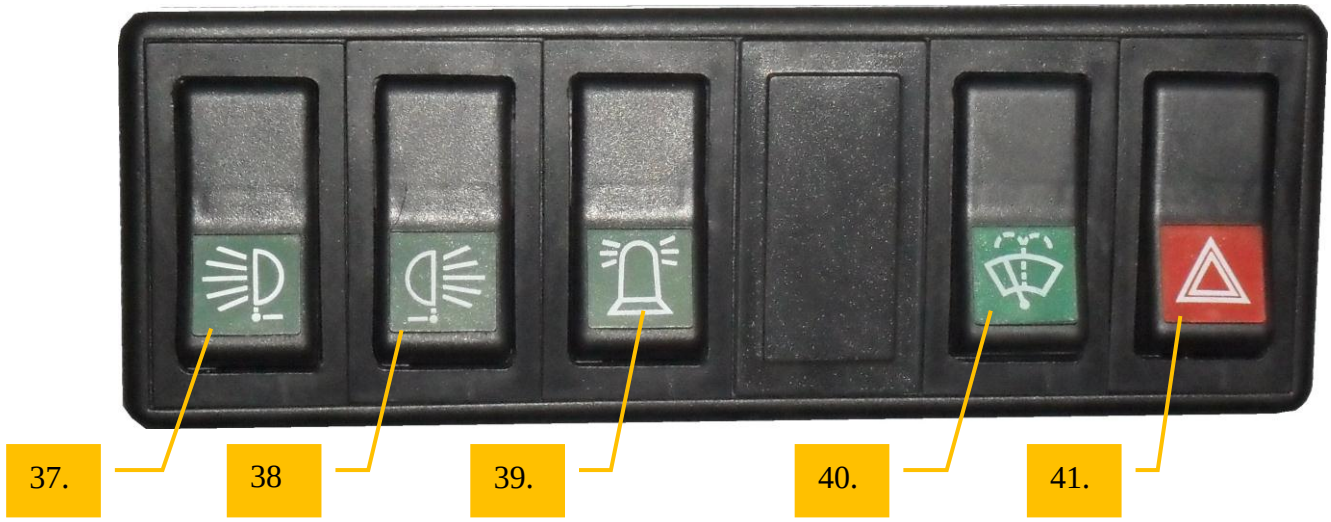
33. Ground drive pedal (page 25)

34. Reversing pedal (page 25)

35. Seat adjustment (page 25)

36. Regulating arm rests (page 25)

9.4 Ceiling switches



37. Front work light (page 26)

38. Rear work light (page 26)

39. Revolving light/signal light (page 26)

40. Wiper + windshield washer (page26)

41. Warning signal device (page 26)

9.5 Explanation of controls and switches

1. Clock showing the number of revolutions of the diesel motor and hour timer. The hour timer shows how many hours the machine has been used. The hour timer activates if the ignition key is in the B position (see 23. Start switch). This means it is in operation even if the motor has not been started yet.

2. The diesel tank level meter shows the diesel level in the tank.

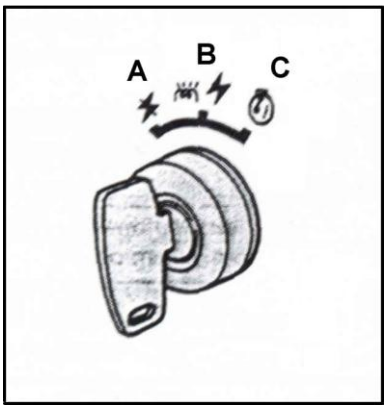
3. Clock that shows the temperature of the water in the radiator.

4. Start switch.

A: OFF The position in which the key is inserted or removed from the start switch.

If the key is in this position,
the diesel motor will turn off.

B: Preheating/ON The key is turned to this position in order to preheat the ignition heads.
The motor starts.



C: Start The key is turned to this position in order to start the diesel motor.

5. Multifunction lever with the functions stated below. They only work when the ignition is on.

In order to activate the signal before overtaking - push the lever to the right.
To turn on the strong passing beam - push the lever to the left.
To activate the horn - push on the tip of the lever.
To activate the right blinker - push the lever forwards.
To activate the left blinker - pull the lever backwards.

6. Rod for keeping the brake pedal pressed down. The brake pedal stays down. When the rod is pushed down, the pedal releases. The brake is activated, and it is deactivated again by lightly pressing on the brake pedal.

7. The lights blink according to the activated blinker on the right and the left.

8. Light for the quick P-brake. It shines if the brake is activated.

9. This light indicates that the strong passing beam is turned on.

10. Preheater light. If the ignition key is in position B - preheating (see 4. Start switch), then the preheater light shines. The preheater light will turn off automatically after about 5 seconds, and the diesel motor is ready to be started.

11. The charging light gives a warning if the electric charging system isn't working properly. You may check the operation of the warning light by checking if the light is on when the key is in position B (see 4. Start switch).

12. The oil pressure light warns you if the diesel motor lubricant pressure is too low. You may check the operation of the warning light by checking if the light is on when the key is in position B (see 16. start switch), without the diesel motor running.

13. The float position settings light. It shines if the float position is activated. The float position is used if the tool attached in the front is supposed to copy the terrain (float).

14. Switch for changing the direction on the front power take off (PTO).

15. Switch with which the lifting arms are pushed down (the float position must be activated).

16. Switch for the front hydraulic power take off (PTO). The lever activates 2 big quick couplings in the front on the hydraulics panel. Note: The machine cannot be started if this switch is activated.

Do not forget that if the terminal of the front power take off (PTO) is activated, the diesel motor will stop, if the driver leaves the seat.

17. Joystick – control lever for operating the front jack and the double-action oil outlet in the front.

The lifting arms will lift up if the lever is pulled back.

If the lever is pushed forward, the front jacks will be lowered. In this position the lever will lock, and the float position will activate.

When attaching tools, you must use switch no. 15 as with the activation of the float position. Then the hydraulic pressure will cause the front jack to lower.

Note: Do not use this function when driving with tools as it can cause damage to the tool and the front jack.

Moving the joystick sideways will send oil to the double action oil outlet. The direction of oil flow may be changed by moving the joystick from left to right and vice versa.

18. Throttle handle for regulating the rotational speed of the diesel motor.

19. Light switch.

20. Air fan regulation. The air fan regulation has 4 levels, from 0 to 3. If the windows are very misty and the fan is set to level 3, it might be appropriate to slightly open the side window for a large amount of humid air to escapes out.

21. With this button, you regulate the heat intake.

22. Air conditioning regulation (additional equipment). With this button, you turn the air conditioning ON/OFF and regulate the rate of cooling. We must warn you that the air conditioning must at least be on level 1 in order to turn it on. The air conditioning can be used to dehumidify windows in the winter. Regulation of the cooling rate is set to minimum and heat regulation is set to maximum. Dry air is now fed into the cab and the moisture on the windows quickly evaporates.

23. Switch for interval wiping. This switch can be used instead of the switch on the ceiling panel if need be (see 40. wiper switch).

24. Switch for a 2 pole electrical plug on the front panel of the machine. Use this switch if a tool, which has more functions on the double action oil outlet, is attached to the machine (e.g. sweeping/suction or a snow blade). For example, the control lever controls the right side brush if this switch is not activated and the left side brush if it is activated.

25. Switch for a 3 pole electrical plug on the front panel of the machine. It is used, among other things, to control the rotational speed of the brushes if a sweeping/suction device is attached.

26. Switch for the double action outlet at the rear end of the machine. It is used i.e. to control lifting and placing with the tipper.

27. 12V reversing switch. It is used e.g. for regulating the sprinkling speed if the sprinkling device is regulated electrically.

28. 12 V switch in the trailer plug.

29. Power take off (PTO) switch at the rear. The machine cannot be started if this switch is activated.

30. Air jet.

31. Brake pedal. It may be firmly secured and used as a p-brake.

32. Controller for adjusting steering column position.

33. Ground drive pedal. When the pedal is pressed, the machine starts to move forward. The machine stops quite suddenly after the pedal is released.

34. Pedal for reversing. It works the same way as the ground drive pedal.

35. Controller for adjusting the arm rest position. If you release both star-shaped controllers, the arm rest may be adjusted forwards or backwards.

9.6 Seat

It is a spring seat which may be adjusted for optimum driving comfort.

Button for adjusting the arm rest tilt

Button for adjusting the backrest tilt

Control handle for adjusting the hardness of the seat

Control handle for adjusting the forward and backward position of the seat

Control handle for adjusting the seat height

10 MAIN SWITCH, FUSES AND RELAYS

10.1 Main switch

The machine is equipped with a main switch for the electric system. It is located at the rear end of the machine under the 7-pole plug. The main switch has a removable key that can be removed as an additional safeguard against theft.

Main switch with a key

10.2 Main fuse with two relays

IMPORTANT
Never replace the fuses with fuses that have a higher voltage. There is always a reason (cause) for a blown fuse. Before fitting a new fuse, determine the cause and remove the problem.

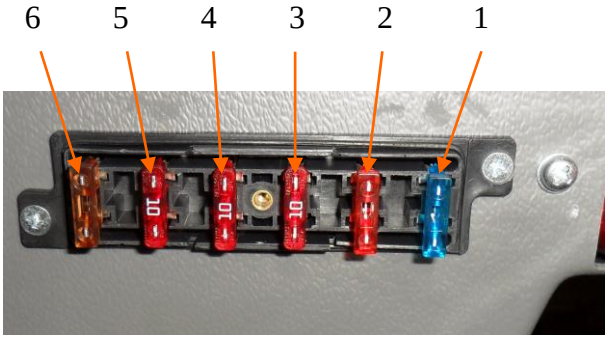
Relay

Auxiliary relay
Preheater relay

The main fuse is located on the left side right behind the battery (80 Amp).

10.3 Fuses in the cab

The fuse box is located on the right side of the cab

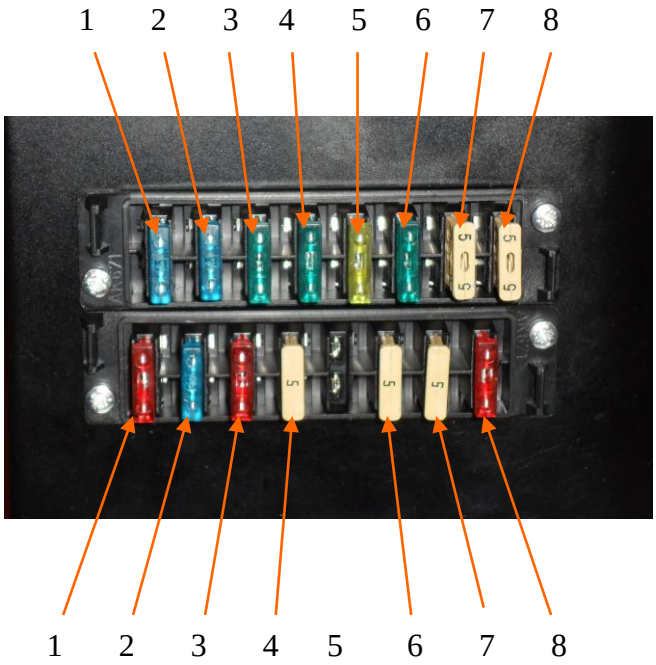


1 Front work light (15 amp)
2 Front work light (10 amp)
3 Revolving light/signal light (10 amp)
4 Windshield wiper/washer (10 amp)
5 Radio (10 amp)
6 Cab lights (5 amp)

10.4 Fuses for the functions of the steering column and arm rest

The fuse boxes are located down on the right side of the seat towards the floor.

The upper row



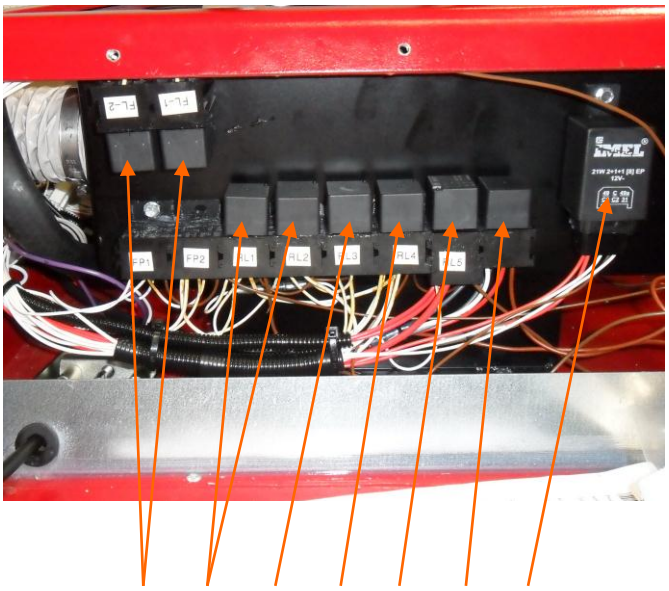
1 Switch 13, 14, 15, 16, 23 and 24 (15 amp)
2 Joystick – control lever (15 amp)
3 Switch 27, 28 and 29 (30 amp)
4 Switches 19, 25 and 26 (30 amp)
5 Cab fan (20 amp)
6 Air conditioning (30 amp)
7 Generator + float position (5 amp)
8 Relay of the preheating device (5 amp)

The bottom row

1 Rear light/taillight + dashboard lighting (10 amp)
2 Front light/headlight (15 amp)
3 Brake light (10 amp)
4 Horn (5 amp)
5 Reserved
6 Seat switch (5 amp)
7 Safety valve (5 amp)
8 Blinker (10 amp)

10.5 Relays

The relays are located under the seat behind the board towards the fan.



1. Float position
2. Safety relay
3. Brake pedal switch
4. Seat switch
5. Main relay
6. Air conditioning
7. Directional relay

1. 2. 3. 4. 5. 6. 7.

11 DIESEL MOTOR OPERATION

11.1 Starting and stopping the diesel motor

1. Keep the cab clean, in particular around the pedals and control rods. Dirt and trash may collect/settle in the control parts and prevent their proper operation.

2. Keep the machine's control parts dry and clean. Your hands and feet may slip off of slippery parts. You may lose control over the machine in such a case.

3. Loose objects may fall and hit you or roll around the floor. After such a blow, you may lose consciousness or the control parts may get stuck. You may lose control over the machine in such a case. Remove all loose objects from the driver's cab or firmly attach them - this concerns food carriers, tools, etc.

4. Sit in the driver's seat. Adjust the seat, steering column and mirrors to a comfortable position if need be.

5. Set all the control levers the hydraulic system functions to the neutral position. If you do not do so, the machine may have problems starting.

6. Make sure the gas pedals are in the neutral position. If the motor is started while a gas pedal is activated (forwards or backwards), the machine will start making choppy jumps forwards or backwards. The pedal is spring-loaded, thus it returns to the neutral position on its own. It is, however, important that you make sure nothing is preventing it from returning to the neutral position.

7. Set the throttle control handle slightly forwards so that the motor can receive a little gas when it is being started (roughly 1200-1500 rev/min).

8. Insert the key into the ignition switch, and turn it to the ON position (see point no. 4, page 16).

9. Check if the charging and the oil pressure lights are on.

10. Step on the brake pedal.

11. Turn the start switch to start (see point no. 4, page 20), and the motor will start up. When the motor is running, the key is released.

12. If the ambient temperature is lower than +10°C, it is important to start the motor with preheating. The preheating time (period) depends on the ambient temperature. The preheater light shines for about 6 seconds, which is the time needed for preheating to -5°C. Below this temperature (-5°C), a longer time may be needed for preheating. The maximum preheating time period is 20 seconds. Preheating is not needed if the motor is already warm.

13. Check if the charging and the oil pressure indicators have turned off. If they haven't, immediately turn off the motor and determine the cause.

14. The motor will warm-up. Stressing the diesel motor and its hydraulic system while they are cold shortens their lifespan. Depending on the ambient temperature, the diesel motor will warm up before it is stressed. Warm up the motor at roughly 1500 rev/min for the period specified below.

Ambient temperature	Recommended warm-up time
above 0°C	At least 1 minute
from 0°C to -10°C	2 to 3 minutes
from -10°C to -20°C	3 to 5 minutes
below -20°C	More than 5 minutes

11.2 Starting with an auxiliary battery and recharging the battery

The battery is located behind the protective device on the left side. Here you may either connect cables from the auxiliary battery or charging equipment without having to open the hood. The main switch must be in the ON position for there to be a connection with the electric system.

IMPORTANT
- This machine has a starting system with a 12 volt negative ground.
- When assisted with starting, only use a battery that has the same voltage.

11.3 Inspection when driving

You must make sure all the motor parts are working properly and smoothly while the motor is running.

11.4 Cooling water

If the indicator enters the red zone on the cooling water temperature gauge, then the motor has overheated. If the diesel motor has overheated, do not turn off the motor (there is a risk of the refrigerant boiling instantly). Stop work with the machine, and turn off all the hydraulic functions. Then reduce the motor speed to 1500 rpm, and leave the motor running until an acceptable water temperature

in the radiator is reached. Then stop the motor and carry out the following inspections. Then you can get back to work.

1. Check if there any obstacles in the radiator air ducts /hoses.
2. Check if the radiator fins are dirty.
3. Check if the fan's serpentine belt is too loose.
4. Check if the radiator hoses are blocked.
5. Check the water level in the radiator.

WARNING
To avoid injuries:
Never remove the radiator cap when the motor is running or when the motor is off but is still hot. Otherwise there is a serious risk that boiling water will spurt out and scald persons near the motor. Remove the radiator cap at least 20 minutes after the motor cools down.

If cooling water is leaking from under the machine, immediately turn off the motor and check for any leaks in the cooling system. Only return to work with the machine when the damage is repaired.

11.5 Fuel

The fuel tank must never be emptied to the bottom in order prevent air from getting into the fuel system.

11.6 Exhaust gas colour

If the motor is working within a specified performance range, the exhaust gas remains colourless. When the specified motor performance is slightly exceeded at a constant power, the exhaust gas may be slightly tinted. If dark exhaust gas is ceaselessly escaping from the motor, it may cause problems. Stop the motor and determine the problem.

11.7 Stop the motor immediately if

1. There is a sudden decrease or increase in the motor speed (rpm).
2. You will suddenly hear an unusual sound.
3. The exhaust gas will suddenly go dark.
4. The oil pressure light lights up.

12 MACHINE OPERATION

12.1 Using the new machine

The life span of the new machine depends on the manner in which it is operated and maintained. A new machine which is straight out of the factory is, of course, properly tested. The individual parts, however, have not adapted to each other yet. Thus, it is necessary to operate the machine at a reasonable speed for the first 50 hours and not load it with unusually heavy loads until all the parts have "limbered up".
The manner in which the machine is treated during the limber-up run effects its life span to a large extent. Limbering-up the machine is very important in order to gain optimum benefit from the machine. Therefore, it is necessary to follow these measures:

The motor limbering-up time.
Changing the motors oil and filter after the first 50 hours of driving.

Machine limbering-up (running) time.
Changing the hydraulic oil filter after the first 50 hours of driving.

12.2 Start driving

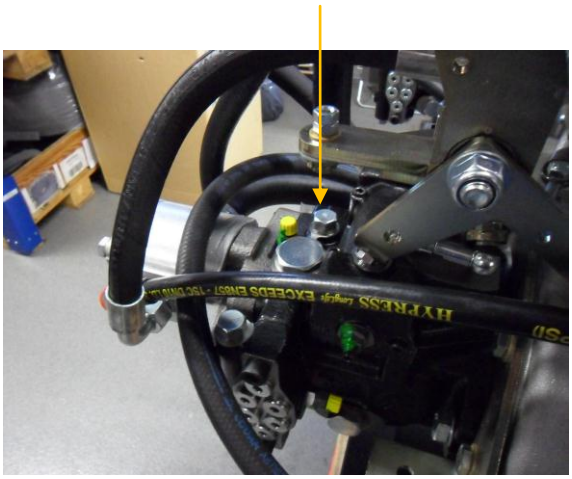
1. Start the diesel motor.
2. Increase the motor speed to the required speed (revolutions) by moving the throttle control handle forwards.
3. To drive forward, step on the left gas pedal, and step on the right gas pedal to drive backwards (reverse). The pedals will return to the neutral position on their own after they are released. We must warn you that the gas pedals also work as brakes. Therefore, your movements must be relaxed as the machine will brake strongly when the pedal is quickly released or returned to the neutral position.

12.3 Stop driving

1. Release the gas pedal.
2. Decrease the motor's rotational speed.
3. Set all hydraulic functions to the neutral position.
4. Activate the parking brakes, stop the motor and remove the key from the start switch.

12.4 Towing

In the event that the machine must be towed, loosen the screw on top of the hydrostat. You will find it by opening the protective device on the left side and turning the tank sideways. The bolt can only be loosened when the machine is not running or in the event that the machine must be towed. After the bolt is loosened, the motor wheels will run idle after which the machine may be towed at a max. speed of 5 km/h over closer distances. We must warn you that the braking function of the gas pedal does not work at this point and braking



is thus only possible
by activating the brake pedal.

12.5 Starting and stopping attached tools (attachments)

Connecting the oil motor when the diesel motor is at high (rotational) speeds may cause high pressure maxima in the hydraulic system. In extreme cases, the pump may be damaged or its life span may be shortened. Starting and stopping attached tools with oil motors must be done in the following manner:

Starting attached tools
1. Decrease the speed (revolutions) of the diesel motor below 1500 rev/min.
2. Activate the front and rear power take off (PTO).
3. Increase the speed (revolutions) of the diesel motor to the required level.

Stopping attached tools
1. Decrease the speed (revolutions) of the diesel motor below 1500 rev/min.
2. Turn off the front and rear power take off (PTO).
3. The speed (revolutions) of the diesel motor may now be set to the required level.

Attaching tools to the lifting arm

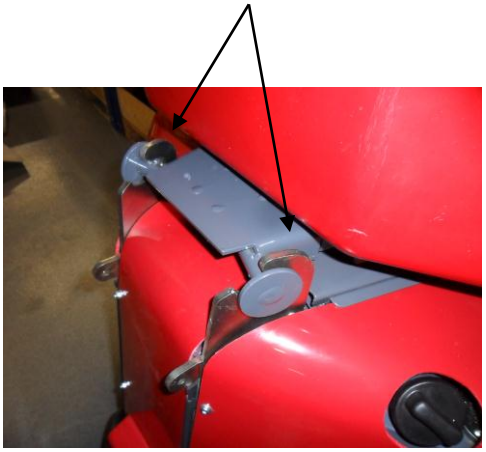
Never operate the machine with tools unless the quick hitch is in a locked (secured) position. It is necessary to carefully wipe all the quick couplings (plus and minus) before mounting tools in order to prevent dirt from getting into the hydraulic system.

It is important that the hydraulic hoses be the correct length when attaching new tools.

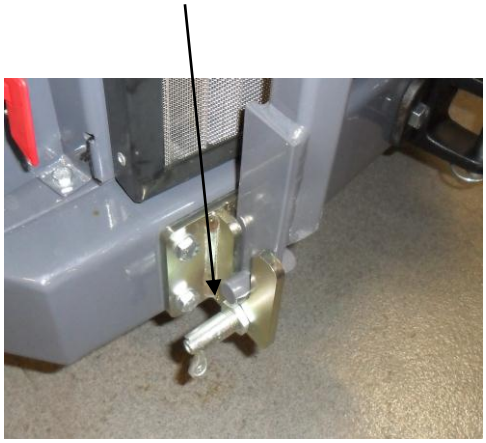
12.6 Attaching tools to the motor cover

When attaching equipment to the rear end of the machine, it is important for the equipment to be properly seated in a place where it is possible to lock/secure the spring latches.

Proper mounting

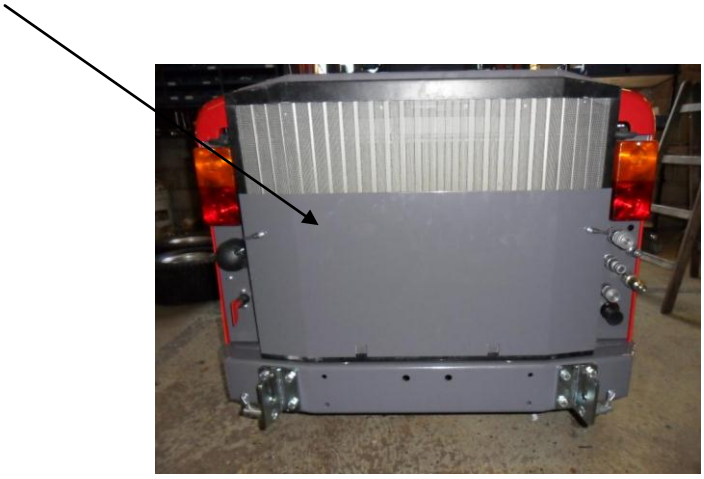


The spring latches can be locked/secured



12.7 Safety measures when driving with a centrifugal spreader

When driving with a centrifugal spreader attached at the rear, a winter protective device must be attached in front of the radiator in order to prevent salt from getting sucked into the radiator.



IMPORTANT:
In days when the device is used with salty water, it is necessary to clean the device and the machine with hot water (60°C) that same day in order to prevent corrosion.

13 DRIVING TIPS

13.1 Gas pedal

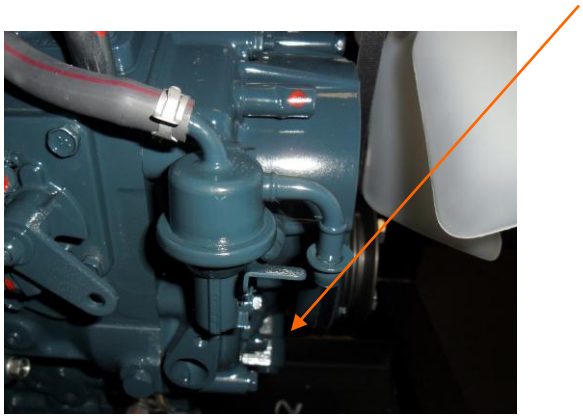
When driving on steep slopes, the motor speed (revolutions) will decrease. Therefore, do not forget that the gas pedal is not a speed regulator/controller. For better driving down a slope, release the pressure on the gas pedal. Do not push on the pedal, which is what you would do with a speed regulator.

14 DIESEL MOTOR MAINTENANCE

14.1 Fuel

Make sure dirt does not get into the diesel tank when refuelling. If you have a suspicion that there are sediments or dirt in the diesel canister, then use a strainer when refuelling.

The fuel system contains a mechanical feedwater pump.
If the diesel tank is completely emptied by an unfortunate accident (mishap), it is necessary to manually pump the fuel into the feedwater pump before it is possible to start the motor again.



CAUTION
Do not carry out the bleeding if the motor is still too hot. If the fuel comes into contact with the hot exhaust part, there may be a risk of fire.

Check the fuel hoses and hose clamps regularly. Damaged fuel hoses or loosened hose clamps may cause a fire. See service inspection plan.

Change/replace the fuel filters in accordance with the service inspection plan.

14.2 Motor oil

Always turn off the motor before checking the oil level and changing oil and the oil filter.

Note:

Make sure the machine is standing on a horizontal surface when checking the oil level. You cannot get an accurate measurement of the oil level if the motor is tilted.
Check the oil level before starting the motor or more than five minutes after you turn the motor off. The oil level meter is located on the left under the motor cover.

Change/replace the oil and oil filter in accordance with the service inspection plan. The required amount of oil when changing the oil and oil filter is approx. 3.8 1.

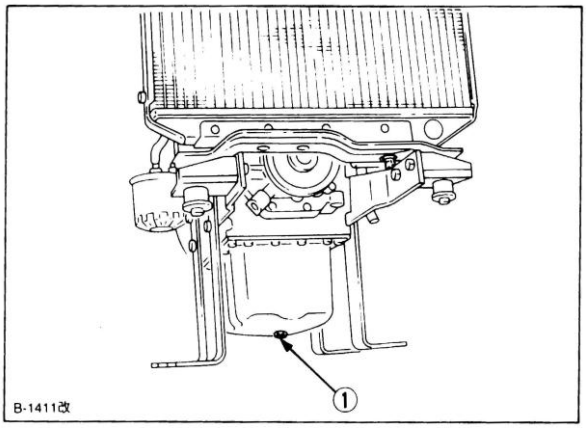
The motor oil quality must be MIL-L-2104C or it must have properties which correspond with the CD value or higher in the old API classification. It is value CF according to the new API classification.
The oil type is chosen according to the ambient temperature, but if SAE 10W-30 or SAE 10W-40 is used, the machine may be operated in a very wide temperature range from temperatures below 0°C to more than 25 °C.

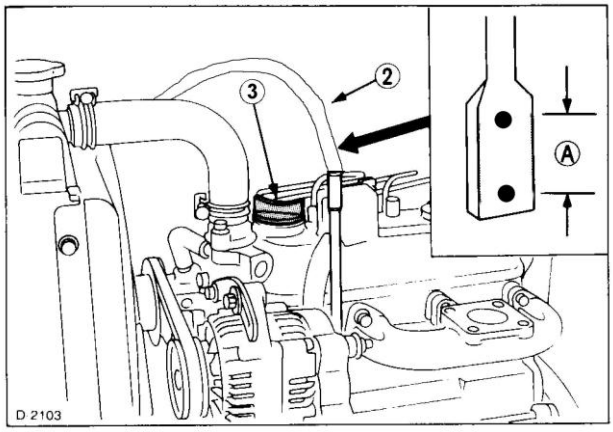
In the factory, the motor is filled with a semi-synthetic light oil Texaco Havoline Extra SAE 10W-40 with an API classification of CF.
If you will want to fill the motor with oil from a different brand, first check its miscibility with the specified brand. If you want to switch to using different oil that isn't miscible with the above specified oil, it is necessary to completely empty the old oil and change the filter before filling the new oil.

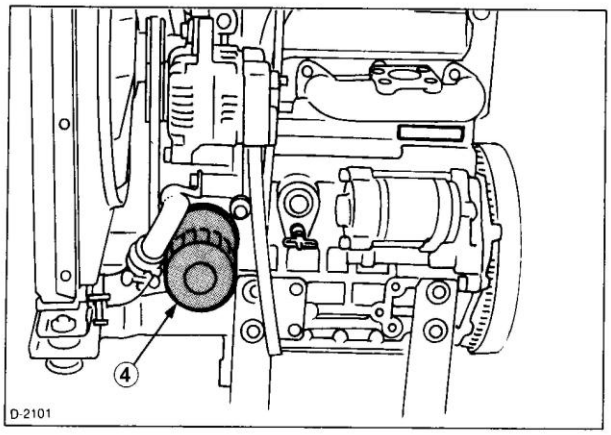
14.3 Changing the motor oil filter

- Drain the motor oil through the drain plug on the lower lid of the crankcase. The service port for the drain plug is located on the base plate of the rear chassis frame.
- Pull the old oil filter out.
- Coat the new filter housing washer with a small amount of oil.
- Quickly screw the filter until it connects to the mounting surface.
- Screw the filter manually by rotating it by a half turn
- Fill the filter with the new oil to the required level

IMPORTANT: Only use the original KUBOTA filter in order to prevent serious motor damage.







(1) Drain plug, the oil drain must be within this range A) Oil level
(2) Oil level meter
(3) Filling oil
(4) Oil filter

15 RADIATOR MAINTENANCE

Even though the radiator is manufactured in a high-quality design and is very robust, improper handling may significantly reduce the motor performance. For proper motor cooling, it is important to ensure a sufficient amount of coolant in the radiator. It is necessary to check the amount of coolant frequently and regularly.

Level check - take off the radiator cap, and check if the water level is around 1.5 cm away from the filling pipe, which leads down from the radiator. If there is an insufficient amount of coolant, refill it with fresh clean water.

IMPORTANT:
Never use turbid or salty water for the radiator.
Carefully place the radiator cap back in its place after filling.
After pouring cooling water, the level will drop the first time the motor is started. Let the motor run for a while, then turn it off and add more coolant.
If there isn't any coolant in the radiator, hose connections and diesel motor, it is necessary to add about 7 l.

Preventive check against unnecessarily high coolant overflow.
1. Even though the machine is equipped with a cooling air cleaner in the form of a specially bent radiator grille located in front of the radiator fins, carry out inspections every week (or more frequently if the machine is operating in a very dusty environment) to determine whether any dirt has gotten into the radiator fins. If it has, carefully remove the dirt. Use compressed air (not too close to the fins), **never water.** Don't use a spatula, screwdriver or any other tool in order to prevent damage to the radiator fins.
2. Every day, check if the radiator grille is blocked. If the grille is dirty, you can dismount it with 2 rubber tensioners after which you can sweep it, shake it off, rinse it with water or clean it with compressed air.
3. You may tighten the fan's serpentine belt if need be (see page 37).
4. If the radiator tubes are calcified, clean them along with the radiator.

Checking the radiator hoses
After every 200 hours or six months of operation (whichever comes first), check if the radiator hoses are tightened properly. See service inspection plan.

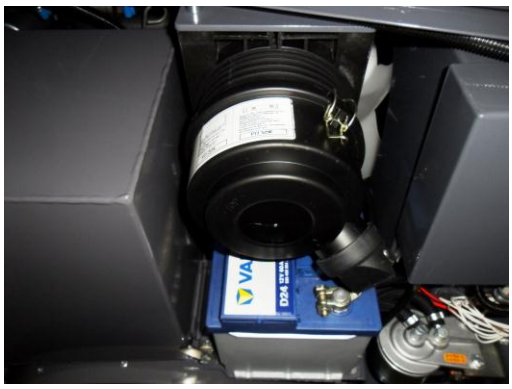
Antifreeze
If the ambient temperature drops below 0°C, it is necessary to add antifreeze.

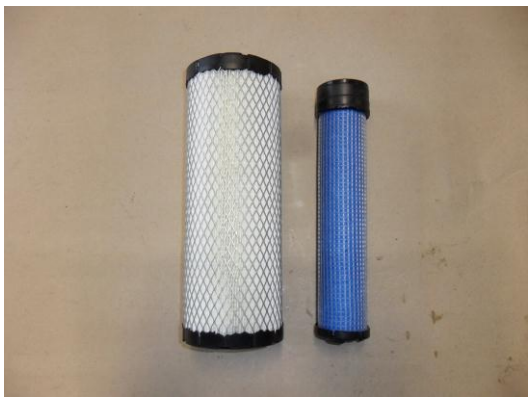
Two types of antifreeze exist. With this motor you must use the permanent type (PT). The procedure for mixing water with antifreeze varies by the brand and ambient temperature. We may generally recommend standard SAE J1034 fluid or special SAE J814c fluid. It is necessary to mix the water with the antifreeze before filling the radiator. The maximum proportion of antifreeze is 50 %. In the factory, the cooling water is mixed with the antifreeze in a 50:50 ratio which lowers the freezing point of the coolant to -37°C.

16 AIR FILTER MAINTAINENCE

16.1 MOTOR SUCTION FILTER

With model VPM 3400, the intake air is cleaned by an air filter with 2 inserts before it enters the motor. In order to ensure the required filtration, it is necessary to keep both filters clean.





- As the dust filter is a type of dry filter, oil must never be added to the filter.
- If the inner portion of the air filter housing is dirty or wet, clean it with a clean piece of cloth.
- Try not to touch it, only during cleaning.
- If dust has settled on the part, blow it out with compressed air from the inside. Use a min. air pressure of 7 bar or 99 psi.
- If the part is brought into contact with carbon or oil, immediately replace the filter.
- The filters are replaced after 150 operating hours.

IMPORTANT: Make sure the brackets for tightening various parts of the filter are tightened properly. If they loosen up, dust and dirt can be sucked in and damage the cylinder liner and piston rings.

16.2 Pollen filter in the cab

The cab's air device is equipped with a pollen/dust filter, to prevent particles from the surrounding area from getting into the cab. The filters are located at the rear end of the cab on

the left and right side. You remove the filter covers by unscrewing 2 wing nuts. Remove the filter.
When working in a highly dusty environment or working with a broom without a water device, clean and replace the filters more frequently. It is important for the filter to firmly and tightly close the whole path in the rack mount, in order to prevent false air from getting sucked in along the edges.

Cover

Pollen/dust filter in the cab

17 BATTERY MAINTENANCE

The battery may be damaged if it is not handled properly. In order to reach its full effect, the battery must be handled properly.
- If the battery is discharged, it is difficult to start the motor. Make sure you charge the battery before it is too late.
- The battery is maintenance-free throughout its entire service life (life span). This means distilled water must not be added. When the battery is excessively changed there may be some evaporation. In this case it is necessary to add distilled water.
- The main switch must always be disconnected when working with the battery.
- If the motor is in operation, the cables leading from the battery or main switch must not be disconnected otherwise the generator and regulator will be destroyed.

IMPORTANT
- This machine has a starting system with a 12 volt negative grounding.
- When assisted with starting, only use a battery that has the same voltage.

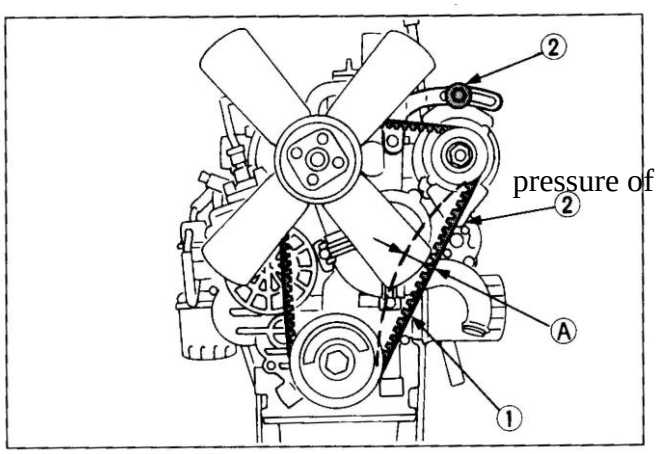
18 SERPENTINE FAN BELT MAINTAINENCE

18.1 Adjusting and tightening the serpentine belt

An insufficiently tightened serpentine belt may cause motor overheating and insufficient battery charging. By pressing your thumb in the middle of the serpentine belt check if it yields about 7-9 mm (with a pressure of approx. 10 kg). Also check if the serpentine belt is torn or cracked.

18.2 Tension regulation

Loosen the two bolts that hold the generator and adjust them to the required tension. After adjusting, don't forget to tighten the nuts and bolts.



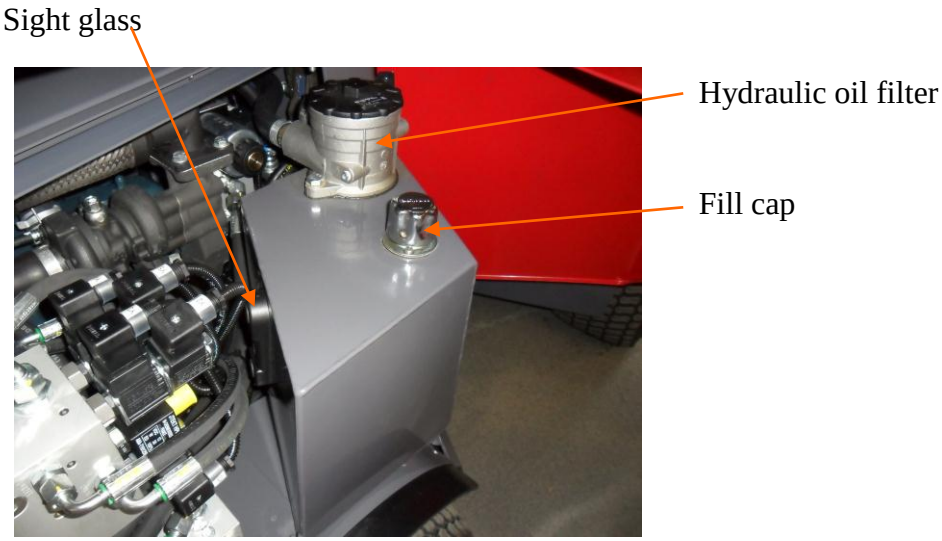
(1) Serpentine fan belt
(2) Nuts and bolts

(A) Objective tension 7-9 mm with a pressure of 10 kg pressure on the belt.

19 HYDRAULIC OIL AND FILTER MAINTAINENCE

19.1 Oil level inspection

- Park the machine on a straight surface, raise the lifting arms and stop the motor.
- The oil level must be in the middle of the sight glass. If the level is too low, add new oil.



The hydraulic tank is filled with Shell Tellus TX 46 oil in the factory. Use only this oil for refilling. If you want to use a different brand, contact Shell concerning information about the miscibility of the oil.

19.2 Hydraulic oil filter

You will gain access to the hydraulic filter by opening the right side cover. The hydraulic oil filter is located under the black lid, which can be loosened with a monkey wrench. Replace the filter in accordance with the service inspection plan.

IMPORTANT: Only use the original TIMAN filter in order to prevent serious damage to the hydraulic system.

20 WINDSHIELD WASHER FLUID MAINTAINENCE

The filling nozzle for windshield washer fluid is located on the front of the machine.

21 WHEEL AND TIRE MAINTAINENCE

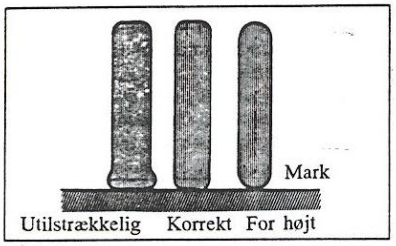
CAUTION

Never drive the machine if the rims or wheels are loosened.
- If the nuts are loose, tighten them to their respective target torque.
- Inspect and tighten all the nuts.

The wheel nuts are tightened to 100 Nm.

The tire pressure is set to the required level at the factory. It does, however, drop after time. Therefore, you must carry out regular inspections and ensure sufficient air pressure in the tires.

Brand
Insufficient-correct-too high



CAUTION

Tyre mounting must be carried out by a qualified person with the right equipment. Driving with poorly mounted tires may cause tragic accidents.

The tyre load capacity depends on the pressure and driving speed. If you want to lower the tyre pressure for driving on a lawn, then you must decrease your driving speed on the road in

order to prevent tyre damage. If you want to significantly reduce the tyre pressure, turn to Timan A/S. Timan will provide relevant information concerning the maximum speed with which you may drive with the specified tyre pressure and machine and tool loads.

In special situations when the tyre springs inappropriately match the weight of the machine, driving forward on the road may be problematic. If such a situation occurs, you may carry out the below specified adjustments in order to remove any undesirable movements: change the weight of the machine with equipment (removing/adding), change the tyre pressure (increase or decrease) or drive at a different speed.

Recommended tyre pressure:

Tyre	Recommended pressure	Max. Pressure
20x10.00-10 NHS	1.8 bar front 2.0 bar rear	2.2 bar

22 ADDITIONAL EQUIPMENT

You may mount this additional equipment to VPM 3400:

- Thermostat-controlled air conditioning
- Ball joint with a fork at the rear
- LED light in the roof
- Motor heater, a cab heater may be mounted in conjunction with the motor heater.
- Lighting number at the rear.

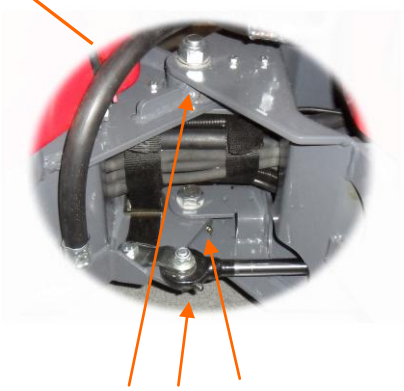
New equipment for Timan VPM 3400 is still being developed. Therefore contact Timan or your local dealer in case you have any questions or wishes.

Example of the table tag lighting in the back.

23 LUBRICATION PLAN

2 pc on each lifting cylinder
(50 hours)

2 pc – lifting arms.
Right and left side (50 hours)



2 pc – bends (10 hours)
1 pc rotating cylinder rod eye (50 hours)

1 pc rotating cylinder
rod eye
(50 hours)

Timan recommends the special Statoil, Greaseway CaH 92 lubricant, which is designed for slide bearings.

Every six months these places are lubricated with oil:

Seat tracks (sliding) there/back.
Throttle cable
Locking mechanism in the door handle

24 DAILY INSPECTION

For safety reasons and in order to maintain the functionality of the machine, it is necessary to carry out an inspection every day before starting the machine.

	No.	Inspect	see page
Machine inspection	1	Tyres, tyre pressure, wear and damage	41
	2	Oil and water leakage	36
	3	motor oil level	34
	4	Coolant level	36
	5	Nuts and bolts toque	-
	6	Radiator cleanness	36
	7	Lubrication (see lubrication plan)	43
	8	Grilles and air filter	37
	9	Serpentine fan belt tension	39
	10	Hydraulic oil level	40
Once the driver is sitting on the seat inside	1	Loose objects in the cab	-
	2	Gas pedal	-
	3	Parking brake	-
	4	Steering wheel	-
After starting the start switch	1	Light functions	-
	2	Lights and signals	-
After starting the motor	1	Exhaust gas colour	29
	2	Safety device	4
	3	Checking for unusual noise and vibration	-

25 TECHNICAL DATA

Model	**VPM 3400**
motor	Kubota
Number of cylinders	3
Cylinder volume	1123
Hk /kW	34/25
Cooling system	Water cooling (external temperature
Diesel tank	30 1.
Transmission	Piston pump
Wheel motors	4 pc - Orbit motors
Speeds	0-20 km/h
Working hydraulic system	Gear pump
Capacity - rear outlet	48 l/min (nominal) 180 bar
Capacity - front outlet	48 l/min (nominal) 180 bar
Oil outlet - front	1 double acting with float position 150 bar
Oil outlet - rear	1 double-acting 150 bar
Lifting arm	Float position and parallel lift std.
Lifting capacity	150 kg 80 cm from the outer side of the
	300 kg at the quick hitch
Electrical system	12 volts
Generator	65 Amp
Work/driving light in the	2 + 2 pc
Work light - rear	2 pc
Revolving light	Std.
7 pole plug for the trailer	Std.
Radio with a CD player	Std.
Dimensions and weight	
Boarding height	500 mm
Length	2700 mm
Width	1120 mm
Height	1980 mm
Turning radius (inner)	530 mm
Dead weight	approx. 1060 kg

26 EC DECLARATION OF CONFORMITY FOR VPM 3400

EC Declaration of conformity

2006/42/ES Annex II A

Manufacturer:

Name	Timan A/S
Address	Fabriksvej 13
Postal code and city	6980 Tim

Person responsible for technical documentation (authorized by the manufacturer):

Name and surname	Henning Pedersen
Address	Fabriksvej 13
Postal code and city	6980 Tim

hereby declares, that machine type:

- VPM 3400, type number V34-000-02-XXXX (serial number)

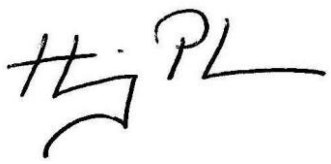
is manufactured in accordance with Machinery Directive 2006/42/ES

using the harmonized standards herein:

- OECD CODE 4: “Roll-over protective structure (ROPS) for tractor”

Signed by: Henning Pedersen Job: Head of Technical Department Place Time Date 30.01.2014

Signature



The machine is serviced in accordance with the service inspection plan for model VPM 3400. The service plan for the workshop that carries out service inspection is in the back of the service book. The workshop will put its stamp on the service plan and the service inspection interval schedule below in order to ensure compliance with intervals.

[1]) Service kit after 200 hours of operation

An overview of the kit for VPM 3400

When 50 hours are reached on the operating hours timer, order: V34-160 - Service kit after 50 hours of operation, which contains:

Spare part number	Description	Quantity
VMO-00050	Engine oil filter	1
VHY-00114	Hydraulic oil return filter	1

When 250 hours are reached on the operating hours timer, order: V34-161 - Service kit after 200 hours of operation, which contains:

Spare part number	Description	Quantity
VMO-00050	Engine oil filter	1
VMO-00054	Cabin filter	2

When 450 hours are reached on the operating hours timer, order: V34-159 - Service kit after 400 hours of operation, which contains:

Spare part number	Description	Quantity
[1]) VMO-00050	Engine oil filter	1
[1]) VMO-00054	Cabin filter	2
VHY-00114	Hydraulic oil return filter	1
VMO-00052	Outer air filter	1
VMO-00053	Inner air filter	1
VMO-00051	Fuel filter	1

When 650 hours are reached on the operating hours timer, order: V34-161 - Service kit after 200 hours of operation, which contains:

Spare part number	Description	Quantity
VMO-00050	Engine oil filter	1
VMO-00054	Cabin filter	2

When 850 hours are reached on the operating hours counter order: V34-158 - Service kit after 800 hours of operation, which contains:

Spare part number	Description	Quantity
[1]) VMO-00050	Engine oil filter	1
[1]) VMO-00054	Cabin filter	2
VHY-00114	Hydraulic oil return filter	1
VMO-00052	Outer air filter	1
VMO-00053	Inner air filter	1
VMO-00051	Fuel filter	1
VIN-00072	Wiper blade	1

When 1050 hours are reached on the operating hours timer, order: V34-161 - Service kit after 200 hours of operation, which contains:

Spare part number	Description	Quantity
VMO-00050	Engine oil filter	1
VMO-00054	Cabin filter	2

When 1250 hours are reached on the operating hours timer, order: V34-157 - Service kit after 1200 hours of operation, which contains:

Spare part number	Description	Quantity
[1]) VMO-00050	Engine oil filter	1
[1]) VMO-00054	Cabin filter	2
VHY-00114	Hydraulic oil return filter	1
VMO-00052	Outer air filter	1
VMO-00053	Inner air filter	1
VMO-00051	Fuel filter	1
VIN-00072	Wiper blade	1
VTR-00008	Serpentine belt AX24	1
15901003	Fan belt	1

After 1250 hours of operation, start from the beginning.

Service after 50 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 250 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 450 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 650 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 850 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 1050 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 1250 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 1450 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 1650 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 1850 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp

Service after 2050 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 2250 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 2450 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 2650 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 2850 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 3050 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 3250 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 3450 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 4050 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 4250 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp

Service after 4450 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 4650 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp
Service after 4850 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp	Service after 5050 hours of operation Operating hours timer:_____ Date:_____ Signature and company stamp

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

SERVICE PLAN VPM 3400

27-02-2014 REV. 1

Date: | No. of machine: | User:

Erector's sign.: | No. of engine: | Type of machine:

Customer's sign.: | Hours of service: | Date of execution:

Operating hours of machine:

		Operating hours													
Pos:	Service	50 first service	Every 200 hours	Every 400 hours		Every 800 hours		Every 1200 hours		LUBRICATE	CONTROL	ADJUST	TIGHTEN UP	EXCHANGE	CLEAN		Service executed
	Diesel engine																
1	Engine oil	X	X	X		X		X						X			
2	Oil filter *	X	X	X		X		X						X			
3	Clearance of valves					X					X	X					
4	Air filter outer (diesel engine) **			X		X		X						X			
5	Air filter outer (diesel engine)		X								X				X		
6	Air filter inner (diesel engine)			X		X		X						X			
7	Air filter inner (diesel engine)		X												X		
8	Fuel hoses and clamps	X	X	X		X		X			X						
9	Fuel filter			X		X		X						X			
10	Fuel delivery pipe					X					X						
11	Loading generator / fan belts and AC							X						X			
12	Fan and AC belt tension	X	X	X		X		X			X		X				
13	Batteries and cables		X	X		X		X			X						
14	Diesel engine leak					X					X						
15	Engine suspension							X			X		X				
16	Exhaust manifolds					X					X						
	Cooler																
17	Level of cooling water	X	X	X		X					X						
18	Cooling water, anti-freeze (-37°C)					X					X						
19	Cooling water							X						X			
20	Cooling hoses and clamps		X	X		X		X			X		X				
21	Cooler rips inside and outside		X	X		X		X							X		
	Hydraulic																
22	Hydraulic pumps leak	X	X	X		X		X			X						
23	Connections for hydraulic hoses	X		X		X		X			X						
24	Filter for hydraulic system	X		X		X		X						X			
25	Hydraulic oil level	X	X	X		X		X			X						
26	Hydraulic oil					X								X			
	Brakes																
27	Handbreak and handbreakcabel		X	X		X		X		X	X	X					
28	Brake performance (footbrake and handbreake)		X	X		X		X			X						
29	Cleaning and lubrication of brakes			X						X		X			X		
	Cabin																
30	Windscreen washer fluid	X	X	X		X		X			X						
31	Wiper blades					X								X			
32	Suction filter cabin		X	X		X		X						X			
33	Grease lubrication according to lubrication plan	X	X	X		X		X		X							
34	Instruments and warning lights	X	X	X		X		X			X						
35	Lamps and light	X	X	X		X		X			X						
36	Seat stop functions of diesel engine			X		X		X			X						
	Tires and wheel motors																
37	Wheel nuts (100 Nm)	X											X				
38	Wheel air pressure		X	X		X		X			X						
39	Wheel condition							X			X						

If the machine operates less than 400 hours per year follows 800 hours service

* For every 200 hour or 1 time pr. year

** For every 400 hours or after 6 cleanings, see operations manual

TIMAN

Reservedelskatalog
Spareparts Catalogue
Ersatzteil Katalog

VPM – 3400

Gælder for VPM-3400 med følgende type-serienr.: V34-000-02-XXXX
Applies to model VPM 3400 with type/serial number: V34-000-02-XXXX
Gilt für das Modell VPM-3400 mit folgenden Produktionsnummern: V34-000-02-XXXX

TIMAN

Bagende, r*ear, heck*: 11-20
- Udvendig, o*uter, äußere*: 11
- Motor, *engine, Motor*: 12-20

Forende, *front, front:* 1-10
- Kabine udvendig, *outer cabin, Kabine äußere*: 1-4
- Kabine indvendig, *inner cabin* ,K*abine innen*: 5-10

Chassis, *chassis, Chassis*: 21-27

A/C system, *air conditioning, Klimaanlage*: 28-30

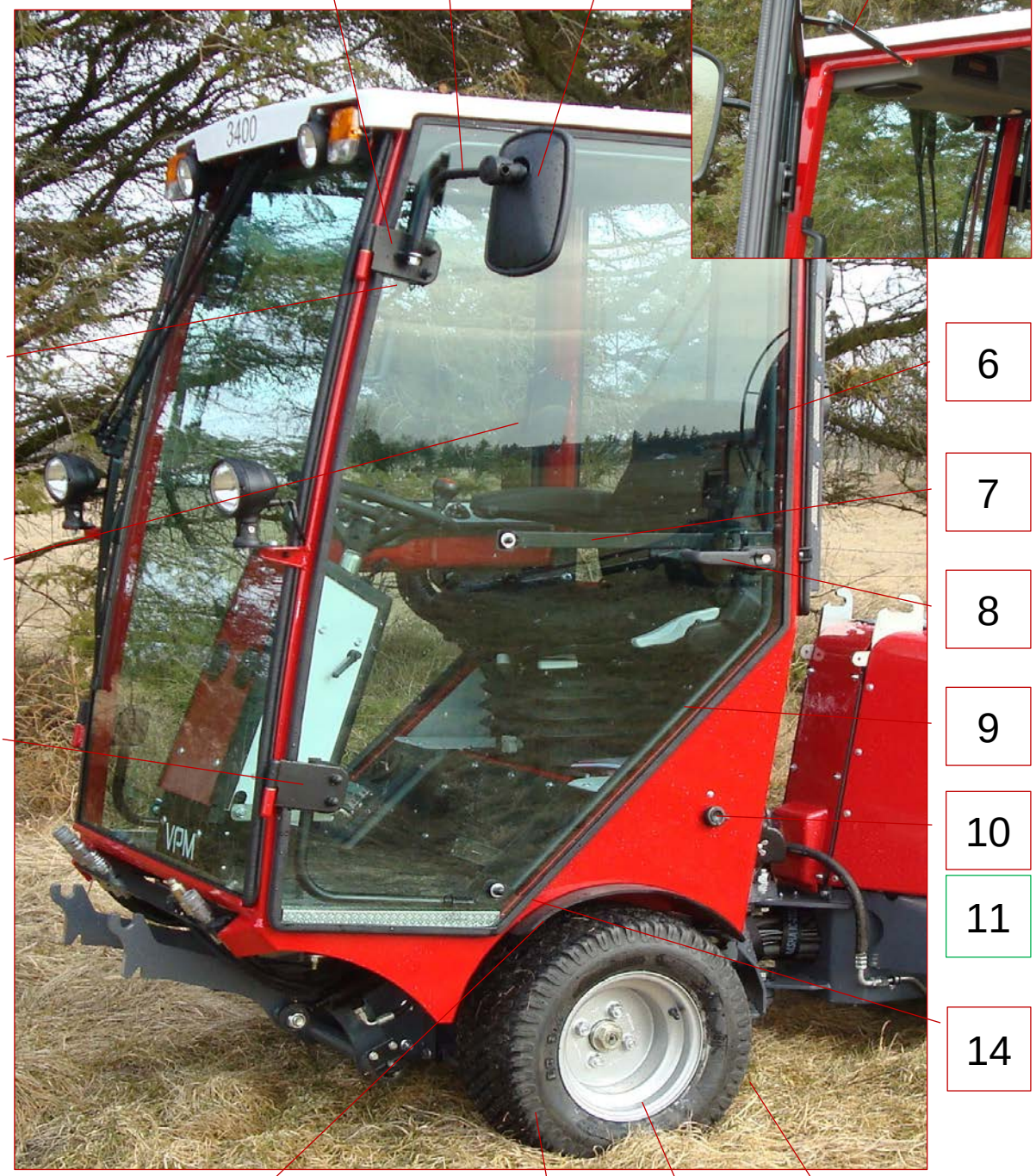
Service kitsæt, *service kit, Service kit:* 31-34


5
6
4
1
2
7
8
3
9
10
11
12
13
14
15
3400
VPM
3400
VPM

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VIN-00074	Mærkat VPM 3400	Label VPM 3400	Aufkleber VPM 3400
2	VIN-00049	Kabine tag for 3400	Roof for 3400	Kabinendach für 3400
3	VIN-00070	Øverste clips for forrude	Top clips for windshield	Klemme, Frontscheibe
4	VIN-00073	Viskerarm	Wiper arm	Scheibenwischerarm
5	VEL-00075	Positions/blinklys	Indicator and position lamp	Positionslicht/Blinker
6	VEL-00073	Arbejds/langlyslygte	Head light (long)	Arbeitslicht/langes Licht
6.1	VEL-140648056	Pære for arbejdslys	Bulb for work light	Arbeitslichtglühlampe
7	VIN-00072	Viskerblad	Wiper blade	Scheibenwischerblatt
8	VEL-00076	Nærlyslygte	Head light (low)	Abblendlicht (niedrig)
8.1	VEL-140648328	Pære til nærlyslygte	Bulb for headlight	Abblendlichtglühlampe
9	VIN-00068	Frontrude	Windshield	Frontscheibe
10	VIN-00071	Clips for forrude	Middle clip. Windshield	Klemmen, Frontscheibe
11	VIN-00069	Gummiliste for forrude	Rubber strip	Gummileiste
12	VIN-00093	Gummiskærm H.	Rubbershield H	Gummischutzabdeckung
13	VIN-00092	Gummeskærm V.	Rubbershield L.	Gummischutzabdeckung
14	V35-282	Plade for bagskærm	Plate for rear fender	hintere Schutzabdeckungsplatte
15	711207-00	Blik for gummiskærm	Plate for rubbershield	Blech für die Gummischutzabdeckung
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				


4
3
2
1
5
6
13
7
8
12
9
10
11
14
18
17
16
15
19

VPM-3400

Rev. fra 02- til

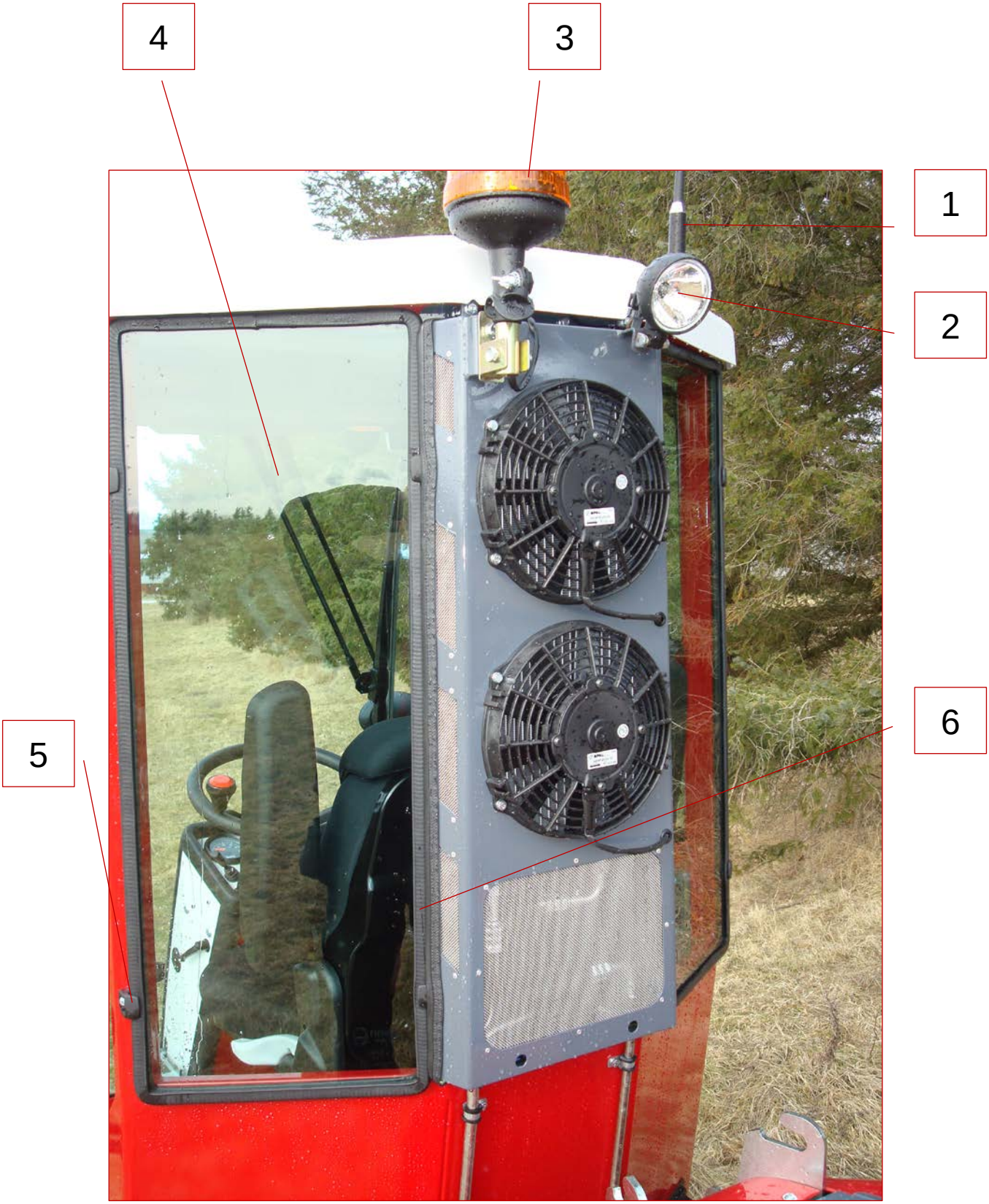
Pos.	Itemno.	Dansk	English	Deutsch
1	VIN-00083	Gasdæmper	Gas strut	Gasdruckfeder
2	42601001	Spejl 160x260	Mirror complete	Spiegel 160x260
2.1	42601006	Spejlglas	Mirror glass	Spiegelglass
3	VIN-00042	Arm for sidespejl	Arm for mirror	Seitenspiegelarm
4	VIN-00081	Dørhængsel venstre	Doorhinge left	Türband links
5	VIN-00045	Gummimellemlæg	Rubberplate	Gummieinsatz
6	VIN-00048	Gummiliste til dørrude	Rubber strip	Gummileiste
7	VIN-00079	Dørhåndtag indvendig	Door Handle. inside	Türgriff innen
8	VIN-00080	Dørhåndtag udvendig	Door Handle. outside	Türgriff außen
9	VIN-00075	Dørramme, venstre	Door Frame. left	Türrahmen links
10	42301000	Sprinklerpumpe	Washpump	Pumpe
11	42301013	Slangesamler- m/returventil	Hose connector w/valve	Schlauchverbindungsstück
12	VIN-00082	Dørhængsel, Venstre	Door Hinge. left	Türband links
13	VIN-00046	Dørrude	Door window	Türfenster
14	VIN-00076	Gummimellemlæg	Rubber	Gummieinsatz
15	VIN-00033	Hjul komplet	Wheel	kompletter Reifen
16	VIN-00053	Fælg	Rim	Felge
17	VIN-00052	Dæk	Tyre	Luftreifen
18	VIN-00094	Gummiskærm front	Rubbershield front	Gummischutzabdeckung
19	V35-283	Plade for forskærm	Plate frontshield	Schutzabdeckungsplatte
20				
21				
22				
23				
24				
25				
26				
27				


1
9
6
7
8
5
2
3
4

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VIN-00043	Dørhængsel, Højre	Door Hinge. Right	Türband rechts
2	VIN-00044	Dørhængsel, Højre	Door Hinge. Right	Türband rechts
3	V2449	Gummi v. dørhængsel	Rubber for doorhinge	Türbandgummi
4	V2450	Gummi v. dørhængsel	Rubber for doorhinge	Türbandgummi
5	VIN-00047	Dørramme, Højre	Door frame. Right	Türrahmen rechts
6	V2472	Skive for dør	Door disc	Tür-Disk dør
7	V2465	Gummi for siderude	Rubber sidewindow	Gummi, Seitenfenster
8	37301007	M8 Bolt og møtrik skjuler	M8 bolt and nut cover	Abdeckkappen M8
9	VIN-00194	Håndtag for siderude	Handle for sidewindow	Seitenfenstergriff
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


4
3
1
2
6
5

VPM-3400

Rev. fra 02- til

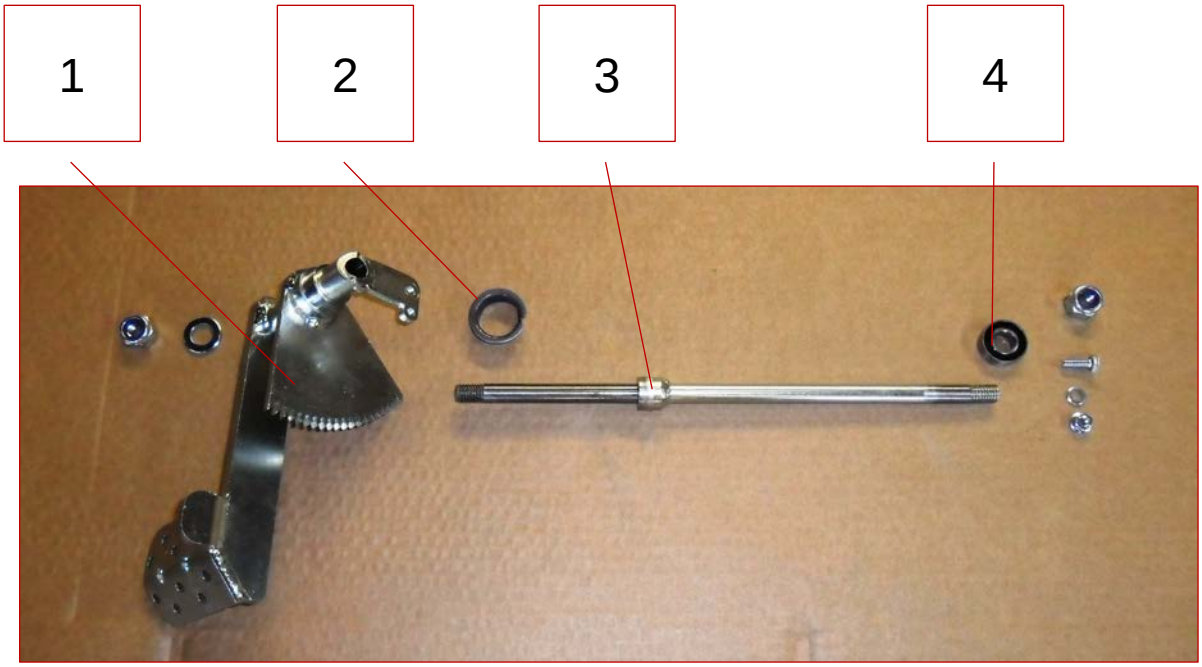
Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00051	Antenne	Antenna	Antenne
2	VEL-00073	Arbejds/langlyslygte	Head light (long)	Arbeitslicht/langes Licht
2.1	VEL-140648056	Pære for arbejdslys	Bulb for work light	Arbeitslichtglühlampe
3	20201006	Rotorblink 12V	Rotor flash	Rundumleuchte 12 V
4	VIN-00077	Bagrude H el. V	Rear Window. (L or R)	hinteres Fenster r oder l
5	VIN-00040	Clips for bagrude	Rear window clip	Seitenfenster-Schelle
6	VIN-00078	Gummiliste bagrude	Rubber strip	Gummileiste vom Fen
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

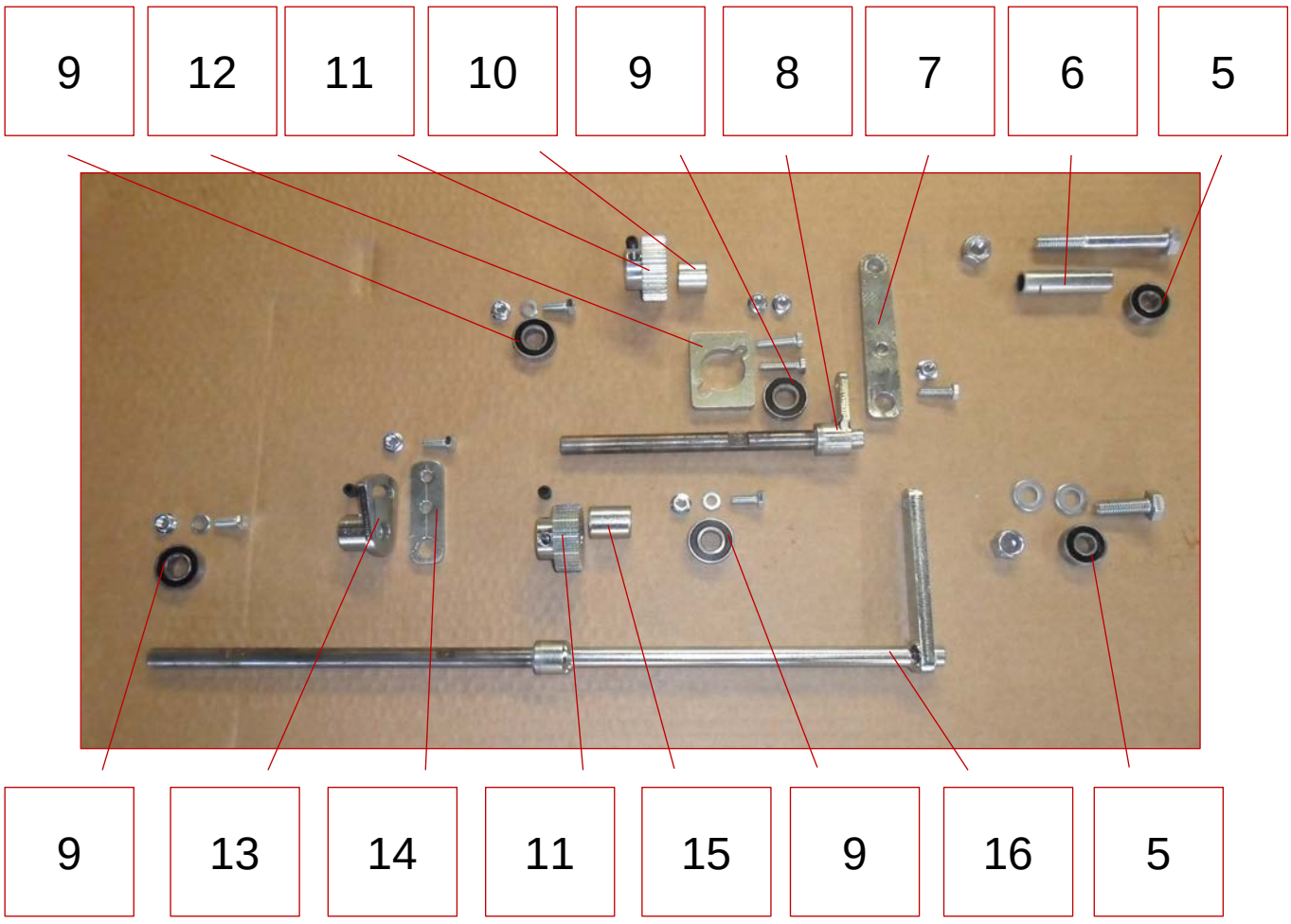

9
8
5
1
2
3
10
11
4
17
6
15
14
13
12
7
16

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V34-521	Topplade armlæn	Topplate armrest	Abdeckplatte Armstütze
2	V34-466	Kontakt holder	Holder for switch	Halterung für den Schalter
3	V1484	Beslag for armlæn	braket for armrest	Stützbeschlag Armstütze
4	VIN-00015	Stjernegreb for armlæn	Star handle	Griff
5	VIN-00059	Gummiramme for armlæn	Rubber for armrest	Gummirahmen Armstütze
6	VIN-00003	Sæde	Seat	Sitz
6.1	VIN-00212	Sædepude	Pillow for seat	Sitzpolster
7	VIN-00067	Bundmåtte	Floormat	Bodenmatte
8	VIN-00090	Rat m. knop	Steering wheel w. knob	Lenkrad mit Drehknauf
9	VIN-00001	Dæksel for rat	Cover. steering wheel	Lenkradabdeckung
10	VIN-00062	Gummiramme top	Rubber. top	Gummirahmen oben
11	VIN-00060	Gummiliste H+V for	Rubber L+R front	Gummileiste rechts + links
12	VIN-00061	Gummiliste H+V bag	Rubber L+R back	Gummileiste rechts + links
13	VIN-00014	Spændehåndtag	Clamp handle	Spanngriff
14	VIN-00065	Luftdyse lille	Air nozzle. small	kleine Luftdüse
15	VIN-00064	Luftdyse stor	Air nozzle. large	große Luftdüse
16	VIN-00182	Luftdyse m. studs	Air nozzle w/spigot	Luftdüse mit Stöpsel
17	182362-00	Timan logo hvid H=18.6	Timan logo white H=18.6	weißes Timan-Logo H=18.6
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

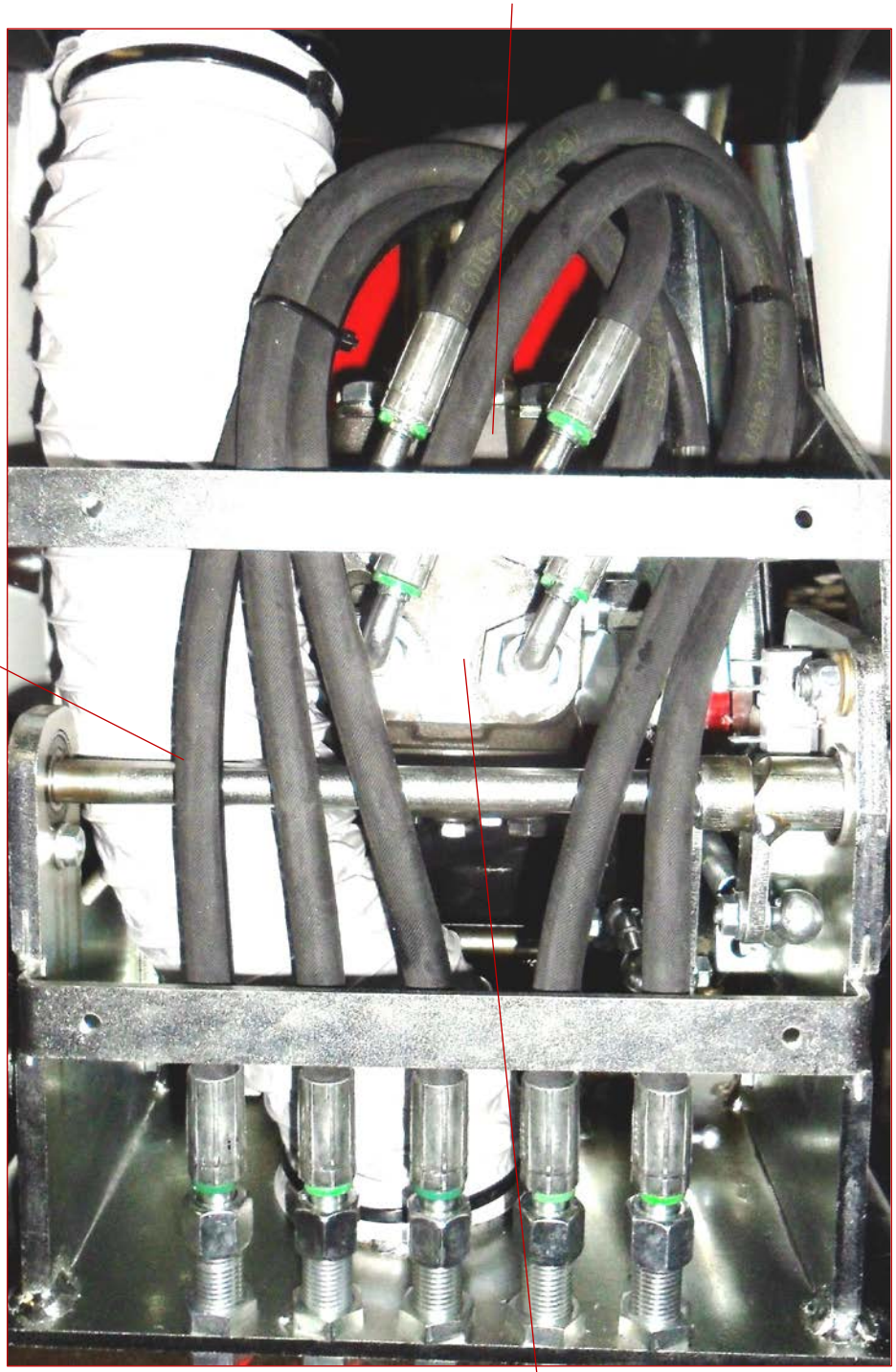

1
2
3
4


9
12
11
10
9
8
7
6
5
9
13
14
11
15
9
16
5

VPM-3400

Rev. fra 02- til

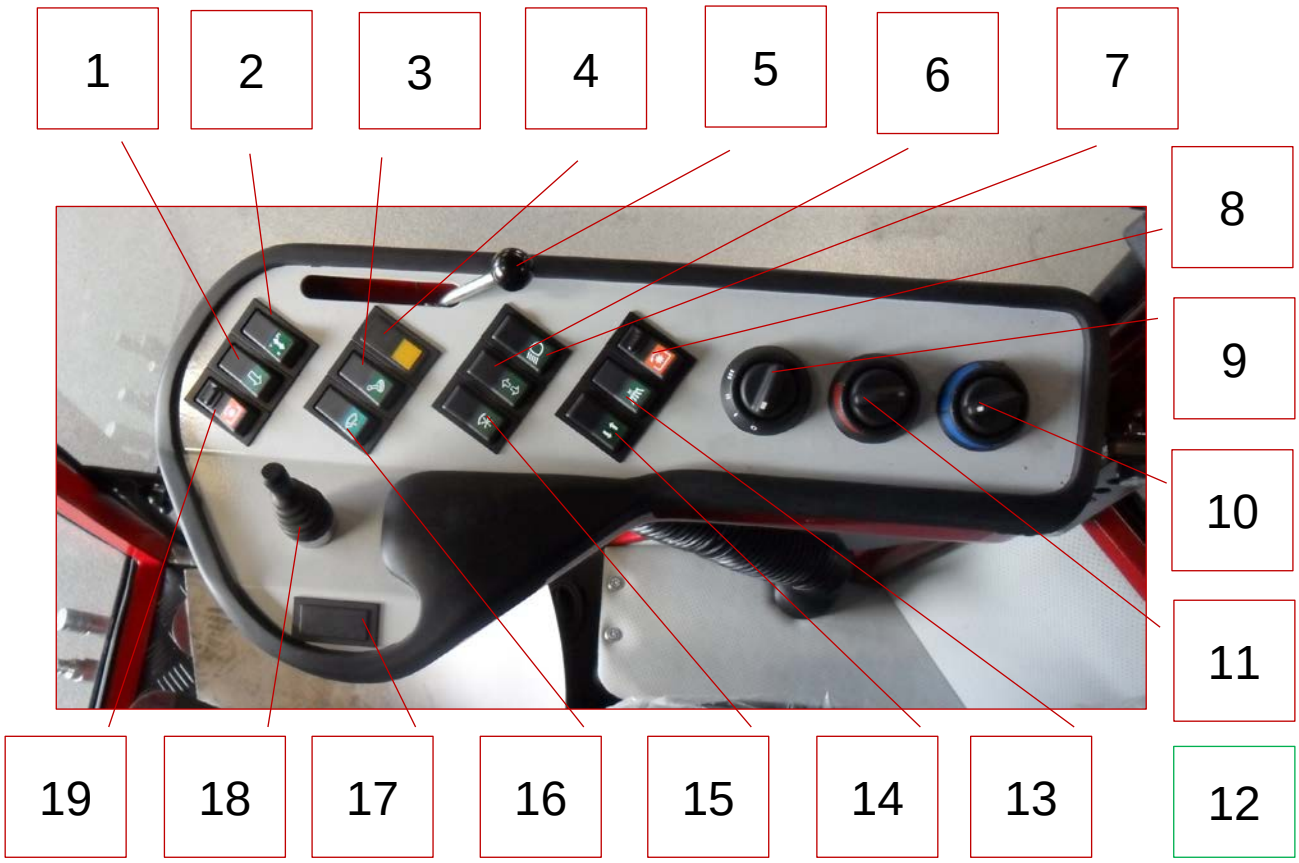
Pos.	Itemno.	Dansk	English	Deutsch
1	V34-580	Bremsepedal	Brake pedal	Bremspedal
2	34201011	Kobberbøsning m/flange	Cobber bushing w/flange	Kupfer-Buche mitt Flansch
3	V34-575	Skaft for pedal	Shaft for pedal	Schaft für Pedal
4	VTR-00002	Leje	Bearing	Lager
5	VTR-00001	Leje	Bearing	Lager
6	V34-374	Afstandsrør	Distpipe	Spacer
7	V34-347	Plade	Plate	Platte
8	V34-568	Skaft for fremdriftpedal	Shaft for propulsion pedal	Welle für Pedal
9	VTR-00002	Leje	Bearing	Lager
10	V34-391	Rørstykke	Pipe	Fitting
11	711247-00	Tandhjul	Gear	Zahnrad
12	V34-332	Lejeplade	Plate for bearing	Platte für Lager
13	V34-571	Justeringsdel	Adjustment piece	Einstellungsteil
14	V34-572	Justeringsdel	Adjustment piece	Einstellungsteil
15	V34-383	Rørstykke	Pipe	Rohr
16	V34-377	Skaft fremdriftpedal	Shaft propolsion pedal	Welle für Pedal
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


3
1
2

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V3432	Hydr. slange 460mm	Hydr. hose 460mm	Hydraulikschlauch 460mm
2	23401002	Styreorbitrol	Steering unit	Lenkrad Orbitrol
3	VHY-00102	Ratstamme t/styreorbitrol	Steering wheel shaft	Lenksäule/Orbitrol-Einheit
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00080	Kontakt frontlift	Switch front lift	Vorderwindenschalter
2	VEL-00081	Kontakt PTO omløbsretning	Switsch PTO direction	PTO-Drehrichtungsschalter
3	VEL-00083	Kontakt 2-polet stik	Switsch 2 pin socket	2-poliger Steckerschalter
4	VEL-00118	Lampe for flydestilling	Lamp for float	Kontrollleuchte Gleitlage
5	VIN-00013	Kugle f. håndtag	Ball for handle	Griffkugel
5.1	V34-440	Gashåndtag	Accelerator	Gassteuergriff
6	VEL-00087	Kontakt manøvrehydr. bag	Switsch rear hydr. control	hydraulischer Schalter
7	VEL-00088	Kontakt for lys	Switch for light	Lichtschalter
8	VEL-00079	Kontakt PTO	Switch PTO	Hilfsantriebsschalter (PTO)
9	VEL-00090	Blæserkontakt	Switsch for blower	Lüftungsschalter
10	VEL-00089	AC kontakt + termostat	Switsch AC + Thermostat	Schalter + Thermostat
11	VIN-00055	Varmehåndtag m. kabel	Heat handle w/cable	Steuerungsgriff mit Kabel
12	43101007	Greb for drejekontakt ø33	Knob for switch ø33	Drehschalter ø33
13	VEL-00085	Kontakt 12V bag	Switsch 12V back	12-V-Schalter hinten
14	VEL-00084	Kontakt 2 pol stik bag	Switsch 2 pin socket back	2-poliger Steckerschalter
15	VEL-00086	Kontakt 3 pol stik front (næst	Switsch 3 pin socket front	3-poliger Steckerschalter
16	VEL-00094	Kontakt intervalvisk	Switsch interval wiper	Schalter Scheibenwischers
17	VEL-00043	Blændplade for kontakt	Blind plate	Schalter-Plattenverschluss
18	VEL-00025	Joystick	Joystick	Steuerhebel - Joystick
19	VEL-00079	Kontakt PTO	Switch PTO	Hilfsantriebsschalter (PTO)
20				
21				
22				
23				
24				
25				
26				
27				

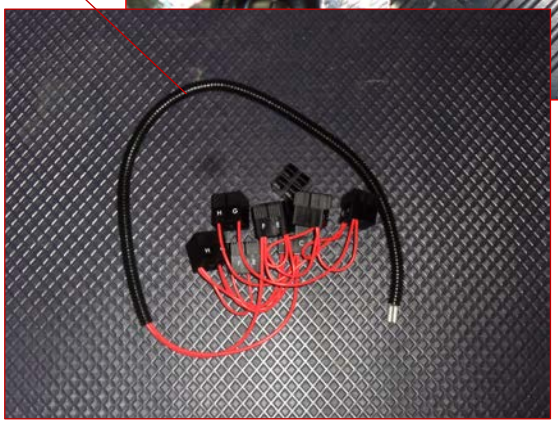

1
2
3
4
5
6
7
8
9
10
11
12
13
13
13
13
13
13
HOURS
ELECTRONIC
RPMx100

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00027	Omdrejningstæller	Tachometer	Drehzahlmesser
2	VEL-00022	Brændstofmåler	Fuel gauge	Kraftstoffanzeige
3	VEL-00023	Varmemåler	Temperature gauge	Temperaturanzeige
4	VEL-00026	Ratstammekontakt(Blink)	Swicth turn signal aot.	Lenksäulenschalter
5	VEL-00018	Startkontakt med nøgle	Starter switsch w/key	Zündschloss mit Schlüssel
6	V34-447	Nøglering	Keychain	Schlüsselring
7	VEL-00058	Advarsel blinklys	Warning turn signal	Warnanzeige - Blinker
8	VEL-00016	Advarsel parkering	Warning parking	Warnanzeige - Parken
9	VEL-00012	Advarsel lang lys	Warning long light	Warnanzeige langes Licht
10	VEL-00014	Advarsel forvarmer	Warning pre-heat	Warnanzeige - Vorwärmanlage
11	VEL-00013	Advarsel ladelampe	Warning charging	Warnanzeige - Versorgungskontrollleuchte
12	VEL-00015	Advarsel olietryk	Warning oilpresure	Warnanzeige - Öldruck
13	43401001	Pære 12v. for adv. lampe	Bulb 12v warning lights	Birne
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

1
2
3
4
7
8
5
13
9
10
6
11
12



VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00052	Radio	Radio	Radio
2	VEL-00091	Kontakt arbejdslys frem	Switsch worklight back	Arbeitslichtschalter vorn
3	VEL-00092	Kantakt arbejdslys bag	Switsch worklight back	Arbeitslichtschalter hinten
4	VEL-00093	Kontakt blitzlys/rotorblink	Switsch flash/beacon light	Rundumleuchtenschalter
5	VEL-00068	Kontakt vinduesvisker	Switsch wiber	Scheibenwischerschalter
6	VEL-00072	Vinduesviskermotor	Wibermotor	Scheibenwischermotor
7	VEL-00069	Kontakt advarselsblink	Switsch hazard flashes	Warnblinkschalter
8	VEL-00070	Sikringsboks	Fusebox	Sicherungsschrank
9	VEL-00071	Kabinelys	Cabinlight	Kabinenlicht
10	VEL-00053	Højtalere	Speakers	Lautsprecher
11	43201006	Sikringsbox	Fuse box	Sicherungsschrank
12	43201007	Stiksæt for sikringsbox	Connector kit w/wires	Konnektor-Set Sicherungsschrank
13	43121001	Ramme for 6 kontakter	Frame for 6 switches	Rahmen für 6 Schalter
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
27				

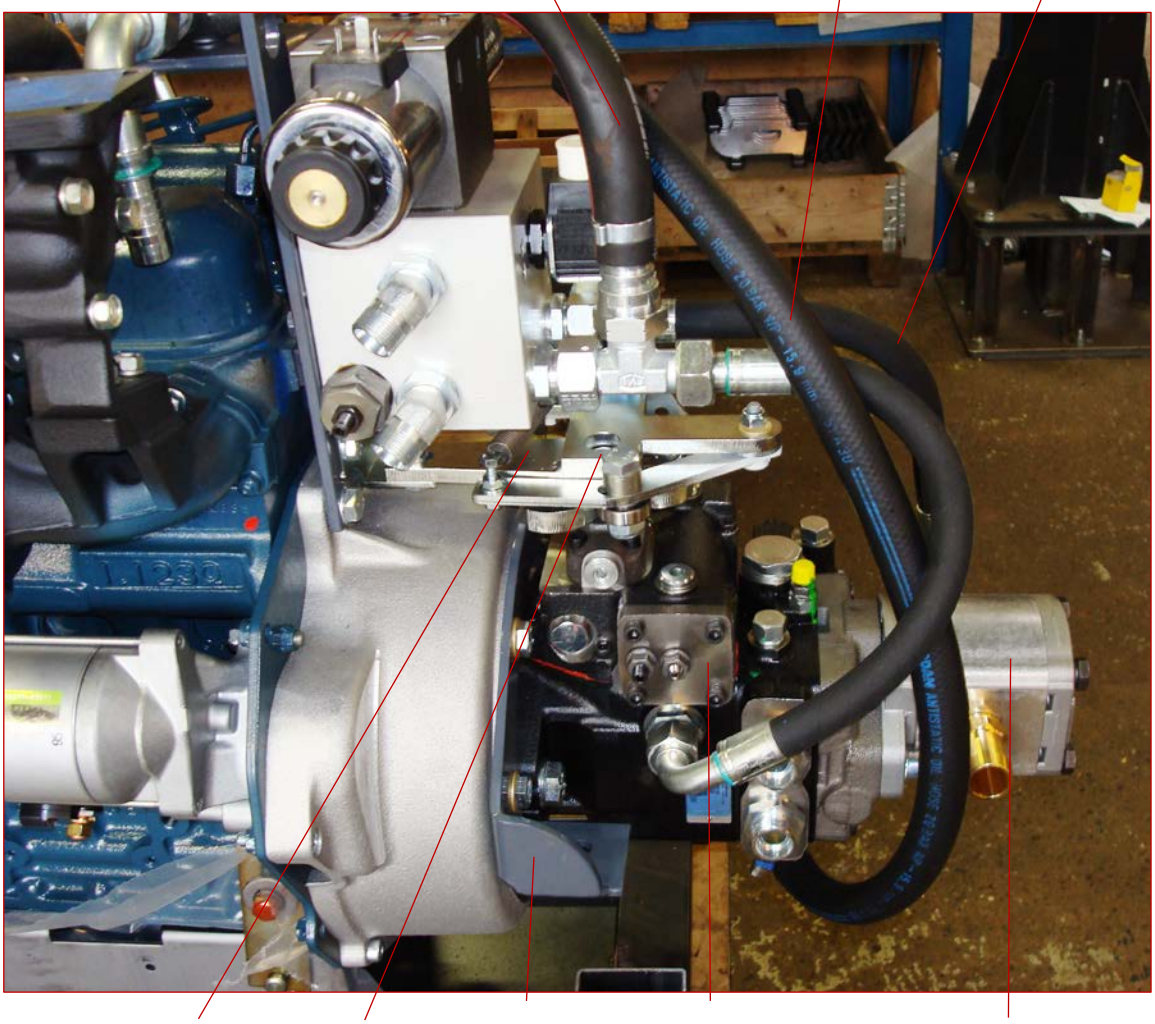

6
7
3
1
2
3
4
3
5
10
14
11
15
12
16
13
17
18
19
20
8
9
24
23
22
21

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VIN-00037	Venstre motorskærm	Engine guard left side	Motorschutzabdeckung
2	711203-00	Logo h. sideskærm	Label right engine guard	Logo rechts
3	VIN-00030	Hjelmlås	Hood lock	Haubenschloss
4	VIN-00036	Højre motorskærm	Engine guard right side	Motorschutzabdeckung
5	711204-00	Logo v. sideskærm	Label left engine guard	Logo links
6	V34-153	Kvik kobling	Fast coupling lock	Schnellbefestigung
7	V34-130	Motorhjelm	Hood	Motorhaube
8	V34-526	Bundplade	Bottomplate	Unterplatte
9	711107-00	Kølergitter	Front grille	Kühlergitter
10	V34-203	Trådgitter	Wire grid	Drahtgitter
11	VEL-00047	Baglygte	Rear light	Rücklicht
11.1	VEL-00057	Baglygteglas	Rear light - glass	Rücklichtglas
11.2	VEL-1406-17635	Pære 12V 21W	Bulb 12V 21W clear	Glühlampe 12V 21W
11.3	VEL-140617916	Pære 12V 21/5W	Bolb 12V 21/5W BAY15D	Glühlampe 12V 21/5W
12	VEL-00049	7 polet udtag	7 pole socket	7-poliger Steckdose
13	43101000	Hovedafbryder	Main switch	Hauptschalter
14	30101015	Lynkobling 1/2", hun	Quick coupling. female	Schnellkupplung
15	30101010	Lynkobling 3/8", han	Quick coupling 3/8", male	Schnellkupplung
16	30101016	Lynkobling 1/2", han	Quick coupling. male	Schnellkupplung
17	30101017	Lynkobling 1/4", han	Quick coupling. male	Schnellkupplung
18	30101012	Lynkobling 1/4", hun	Quick Coupling 1/4", female	Schnellkupplung
19	VIN-00051	Fjederrigle	Spring bolt	Federklemme
20	VHY-31BP08	Kontramøtrik	Locknut	Kontermutter
21	V34-506	Nederste kvikkobling bag	Lower quick coupling back	Schnellbefestigung
22	39101007	M10x30 sætskrue	M10x30 Bolt	Setzschraube
23	40201004	Skive 10 mm	Washer 10 mm	Unterlegscheiben 10 mm
24	VBE-043710	M10 Flangemøtrik	M10 Flange nut	Flanschmutter M10
25				

Højre side, *right side, recht*

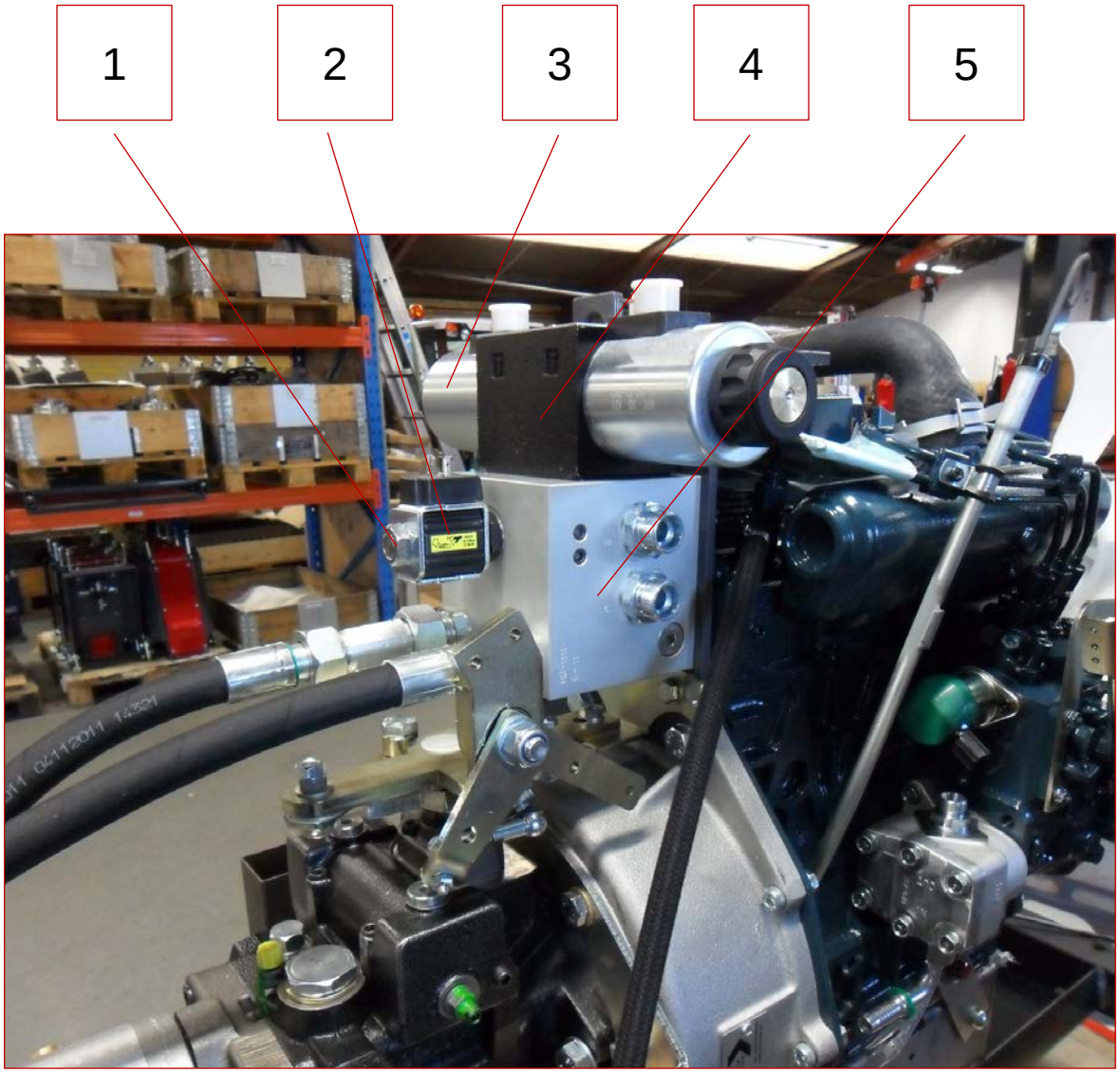


VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VHY-00101	Hydrostatpumpe	Hydrostatic pump	Hydrstatische Pumpe
1.1	25991001	O-ring lille (reguleringsaksel)	O-ring small (reg. shaft)	O-Dichtungsring klein
1.2	25991002	O-ring stor (reguleringsaksel)	O-ring large (reg. shaft)	O-Dichtungsring groß
1.3	VMO-00012	Koblingsdel hun	Clutch part female	Steckdose-Verbindungsteil
1.4	VMO-00008	Koblingsdel han	Male clutch	Stecker-Verbindungsteil
1.5	49901003	Bolt for kobling	Bolt for clutch	Verbindungsschraube
2	VHY-00103	Tandhjulspumpe	Gear pump	Zahnpumpe
3	711217-00	Olieslange 260mm	Oilhose 260mm	Ölschlauch 260mm
4	711216-00	Olieslange 620mm	Oilhose 620mm	Ölschlauch 620 mm
5	V3422	Hydr. slange 300mm	Hydr. hose 300	Hydraulikschlauch 300mm
6	V34-390	Forreste motorophæng	Engine mounting front	Motoraufhängung
7	VIN-00010	Motorfødder	Vibration absorbers	Vibrationsdimmer
8	37301023	Prop	Plug	Stöpsel
9	711135-00	Neutraliseringskonsol	Neutralization console	Neutralisierungskonsole
10	VTR-00002	Leje	Bearing	Lager
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				

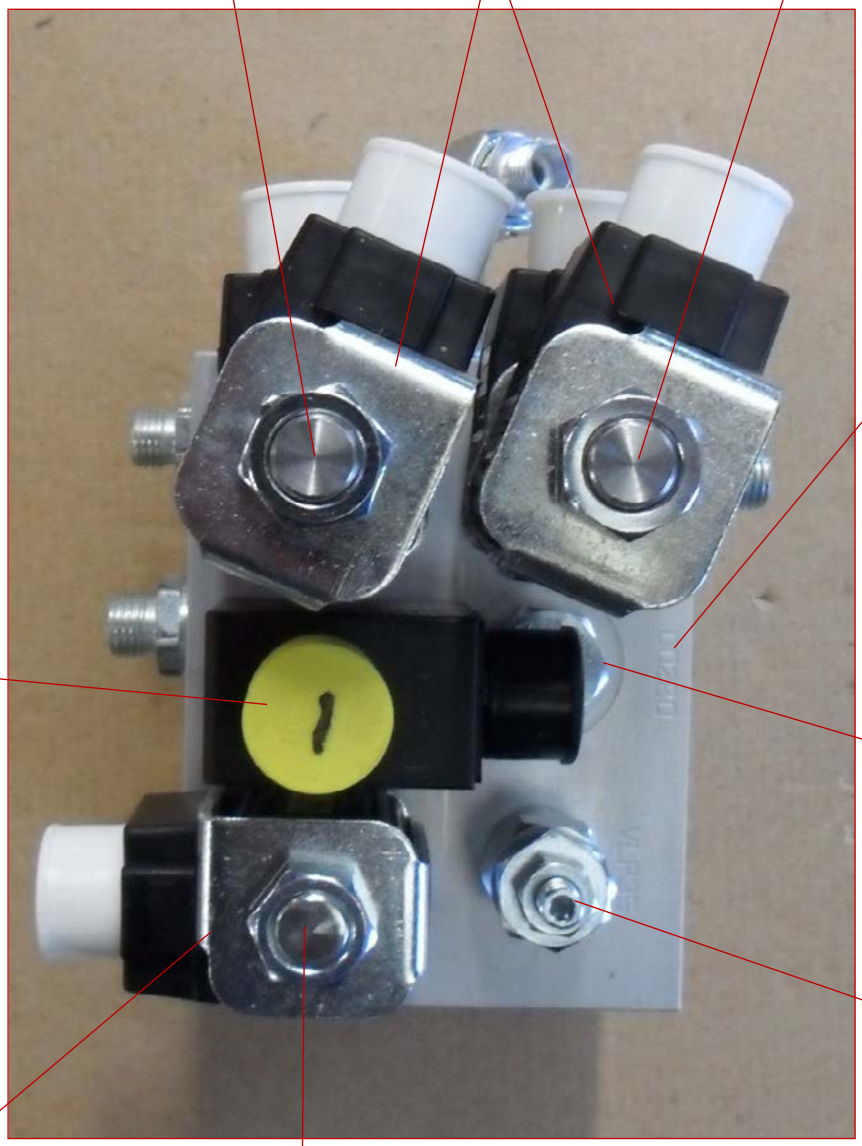
Venstre side, left *side, links*



VPM-3400

Rev. fra 02- til

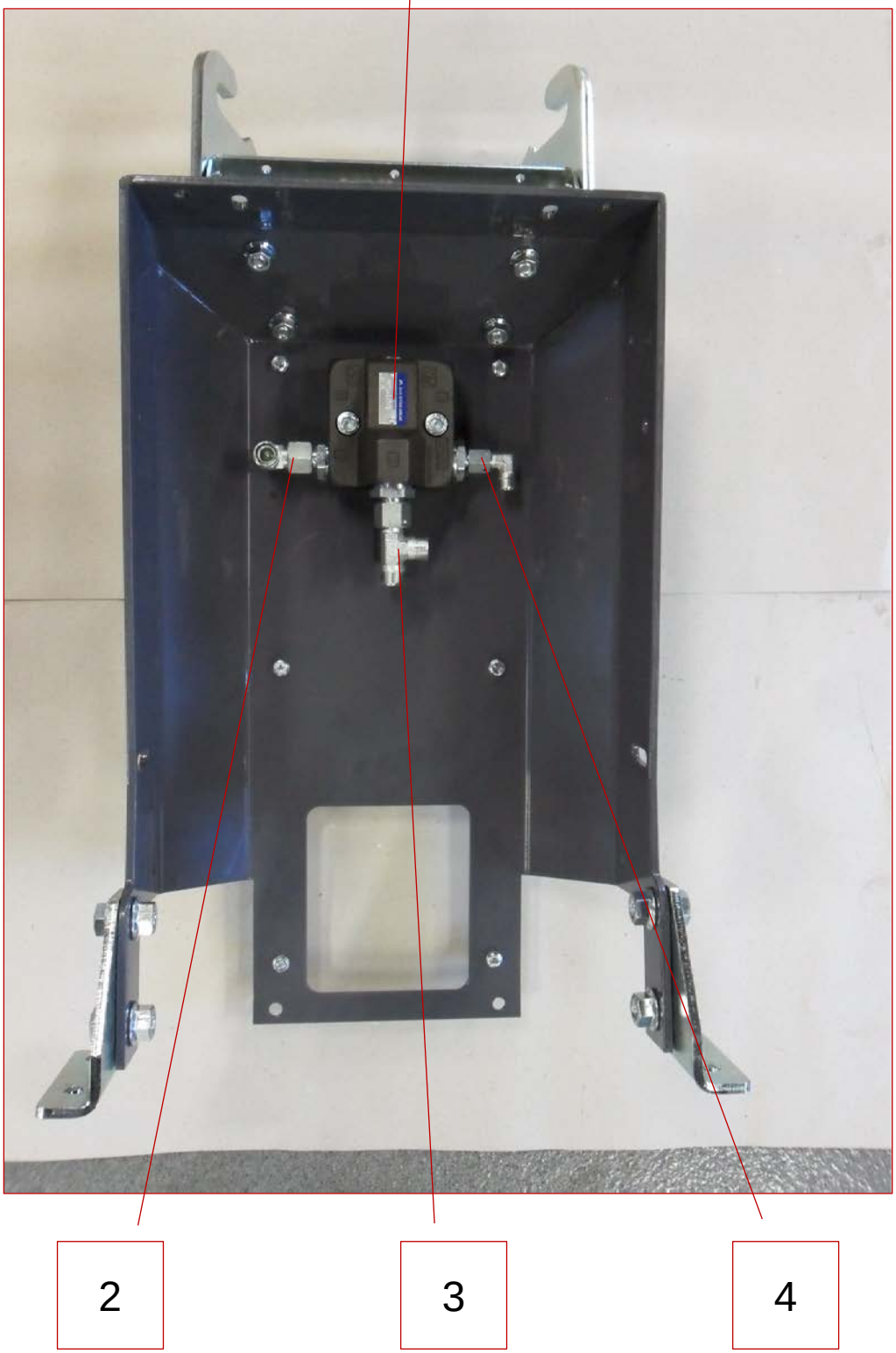
Pos.	Itemno.	Dansk	English	Deutsch
1	VHY-00125	Magnetventil patron	Solenoid valve cartridge	Solenoidventil-Patrone
2	VHY-00111	Magnetspole (bag PTO)	Solenoid (back PTO)	Solenoid (PTO hinten)
3	VHY-00123	Magnetspole (front PTO)	Magnetic coil (front PTO)	Solenoid (PTO hinten)
4	VHY-00124	Magnetventil	Solenoid valve	Solenoidventil
5	VHY-00105	Ventilblok	Valve block	Ventilblock
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


2
3
4
5
1
6
10
7
9
8
11

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VHY-00104	Specialblok	Special block	Spezialblock
2	VHY-00115	Magnetventil patron	Magnetvalve cartr.	Solenoidventil-Patrone
		(Liftarme)	*(Lift arms)*	*(Hebe arm)*
3	28601004	Magnetspole	Solenid spool	Solenoidspule
4	43501043	Stik	Plug	Stecker
5	VHY-00116	Magnetventil patron	Magnetvalve cartr.	Solenoidventil-Patrone
		(Olieudtag front)	*(Oil outlet front)*	*(Öl ausgang front)*
6	VHY-00130	HPI sædeventil	HPI Poppet valve	Sitz-Tellerventil HPI
		(Holdeventil for liftarm)	*(Safety valve, Lift arms)*	*(Sicherheit Ventil)*
7	VHY-00122	Magnetspole	Solenoid	Solenoid
8	VHY-00133	Magnetspole	Solenoid	Solenoid
		(Omløbsventil)	*(Bypass valve)*	*(Bypass-Ventil)*
9	VHY-00121	Overtryksventil	Pressure relief valve	Überdruckventil
10	VHY-00131	Kontraventil	Return valve	Rückventil
11	28301014	Magnetventil patron	Valve on/off cartidge	Solenoidventil-Patrone
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

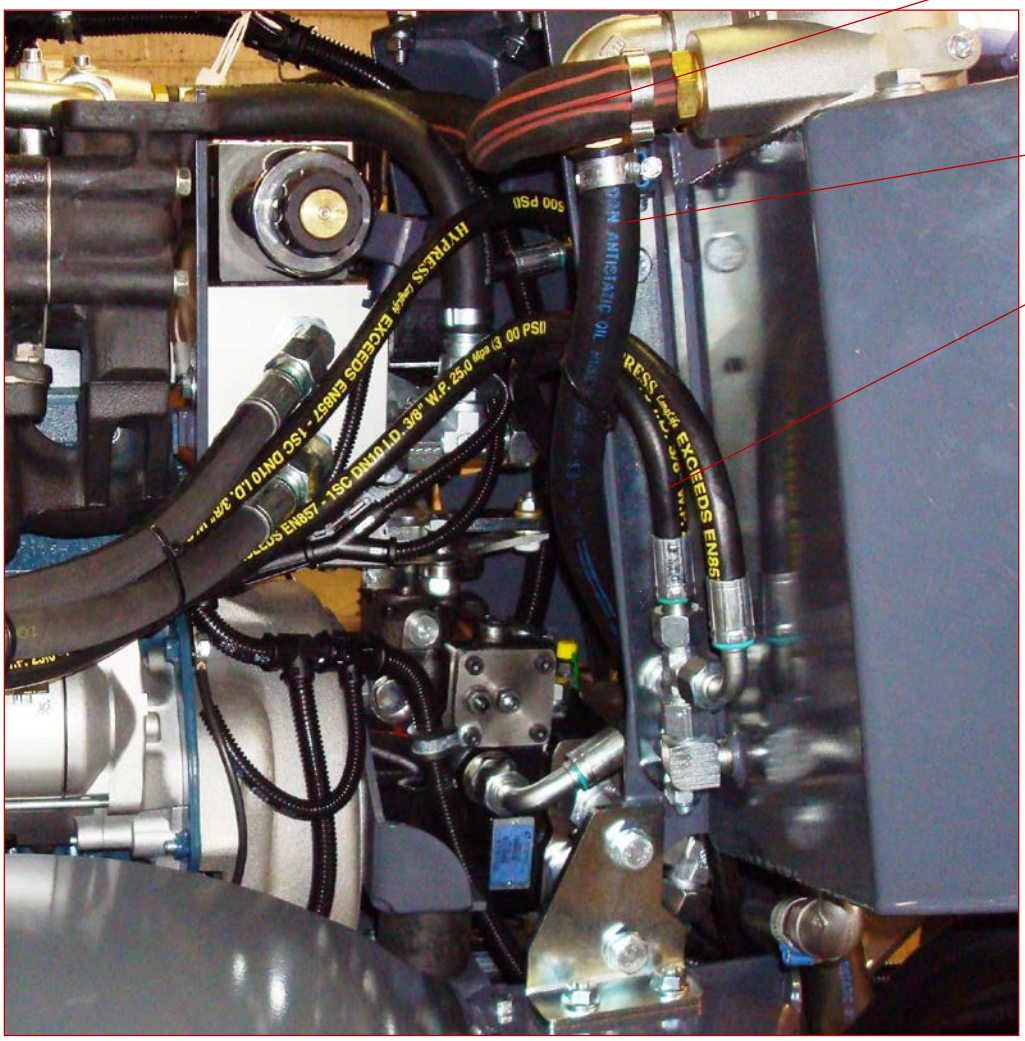

1
2
3
4

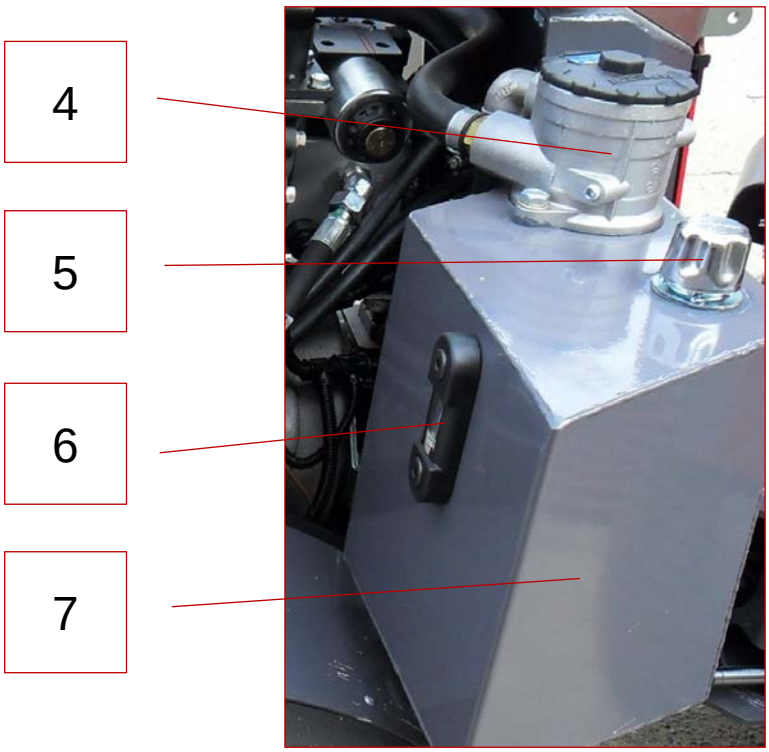
VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	28701001	Prioritetsventil	Priority valve	Prioritätsventil
2	25351003	Stilbar vinkel	Adjustable elbow	verstellbares Rohrknie
3	25381003	Stilbar L	Adjustable L	verstellbares L
4	25351007	Stilbar vinkel	Adjustable elbow	verstellbares Rohrknie
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

Højre side, *right side, recht*



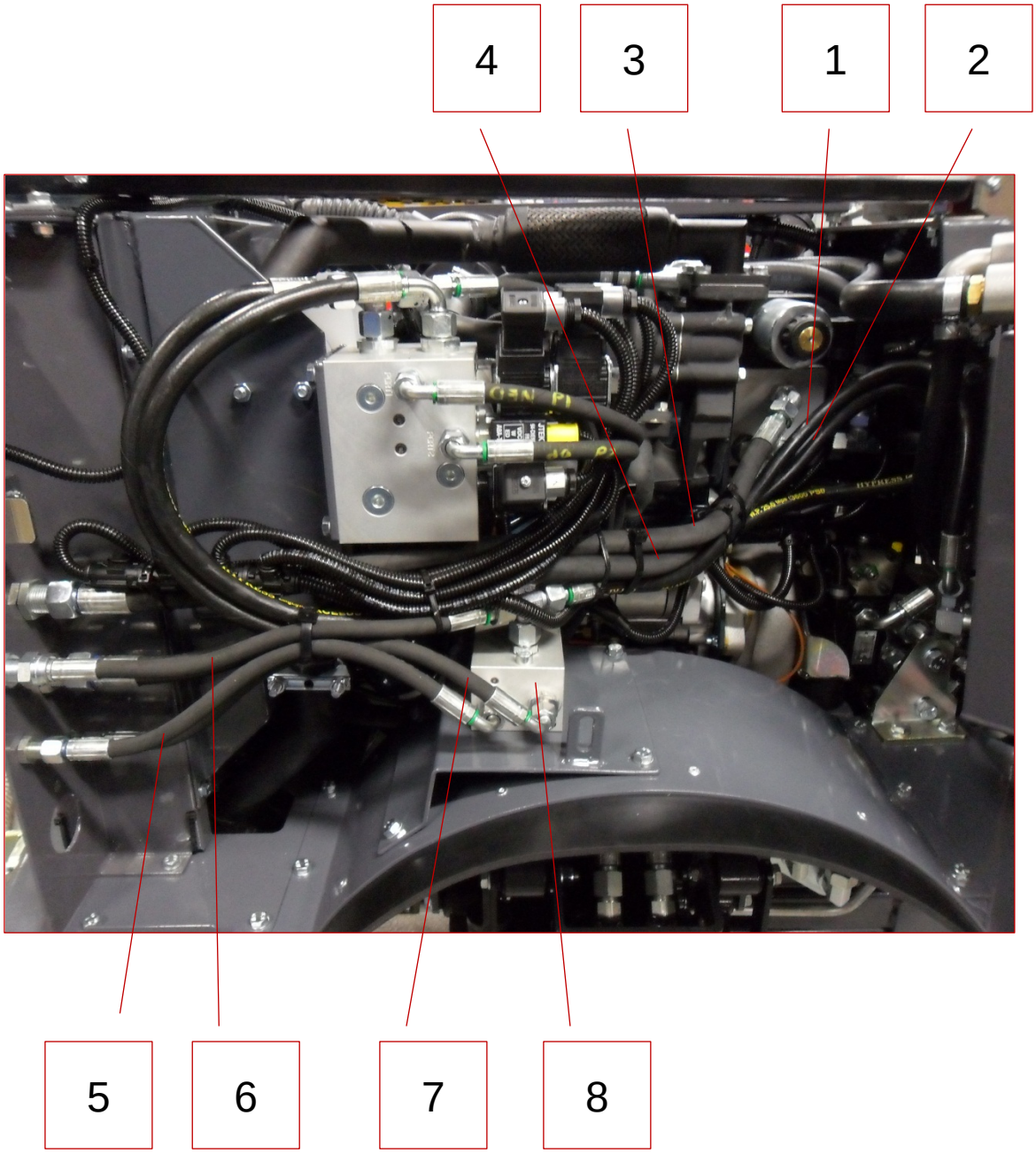


VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	711218-00	Olieslange 550mm	Oilhose 550mm	Ölschlauch 550mm
2	711216-00	Olieslange 620mm	Oilhose 620mm	Ölschlauch 620 mm
3	V3419	Hydr. slange 1140mm	Hydr. hose 1140mm	Hydraulikschlauch 1140mm
4	VHY-00099	Retur/sugefilter	Suction filter	Rück-/Saugfilter
5	VHY-00098	Påfyldningsfilter Hydr.	Hydraulich oil filling filter	hydraulischer Füllfilter
6	VHY-00097	Oliestandsglas	Oil level sight glass	Sichtfenster
7	V34-147	Hydrauliktank	Hydraulic tank	Hydrauliktank
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

Højre side, *right side, recht*

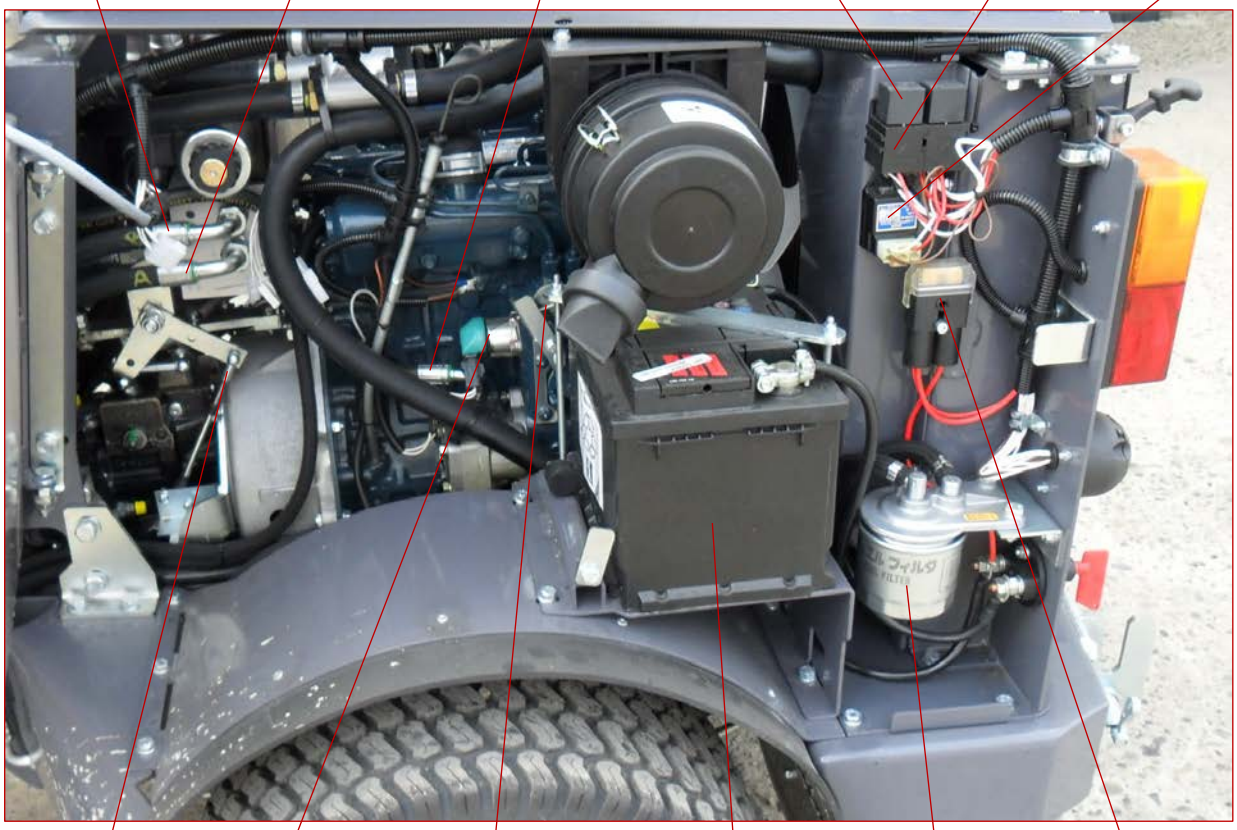


VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V3421	Hydr. slange 600mm	Hydr. hose 600mm	Hydraulikschlauch 600mm
2	V3420	Hydr. slange 720mm	Hydr. hose 720mm	Hydraulikschlauch 720mm
3	V3425	Hydr. slange 690mm	Hydr. hose 690mm	Hydraulikschlauch 690mm
4	V3425	Hydr. slange 690mm	Hydr. hose 690mm	Hydraulikschlauch 690mm
5	V3411	Hydr. slange 300mm	Hydr. hose 300mm	Hydraulikschlauch 300mm
6	V3410	Hydr. slange 290mm	Hydr. hose 290mm	Hydraulikschlauch 290mm
7	V3412	Hydr. slange 350mm	Hydr. hose 350mm	Hydraulikschlauch 350mm
8	VHY-00108	Manøvreventil bag	Control valve rear	hinteres Manövrierventil
8.1	VHY-00110	Patronventil	Cartridge valve	Patronenventil
8.2	VHY-00111	Magnetspole (bag PTO)	Solenoid (back PTO)	Solenoid (PTO hinten)
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

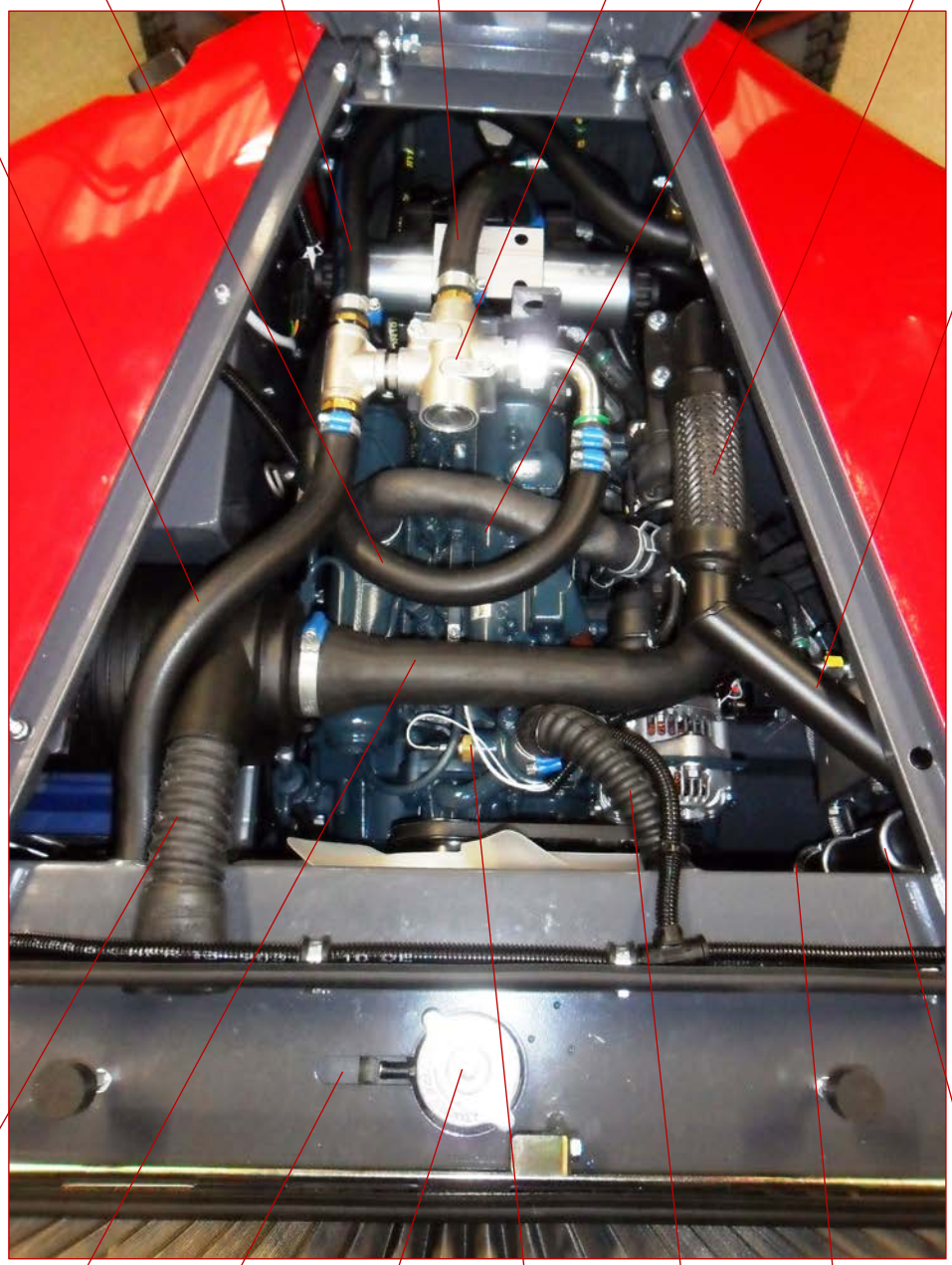
Venstre side, left *side, links*



VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V3405	Hydr. slange 1350mm	Hydr. hose 1350mm	Hydraulikschlauch 1350mm
2	V3405	Hydr. slange 1350mm	Hydr. hose 1350mm	Hydraulikschlauch 1350mm
3	V3418	Hydr. slange 500mm	Hydr. hose 500mm	Hydraulikschlauch 500mm
4	43901002	Relæ 12 v dc	Relay 12 v dc 70 amp.	Relais
5	43911001	Holder for blink relæ	Socket for flash/power relay	Halte für Blink Relais
6	15901014	Timer D (gløderørstimer)	Timer D for glow pipe	Zeitschalter D
7	VEL-00064	Hovedsikring	Main fuse	Hauptsicherung
8	43201003	Sikringsholder maxi sikring	Fuse socket flat maxi fuse	flacher Sicherungshalter.
9	43201004	Holder, maxi sikringsholder	Retainer for maxi fuse socke	Halterung. Sicherungshalter
10	VMO-00051	Brændstoffilter	Fuel filter	Kraftstofffilter
11	VEL-00048	Batteri	Battery	Batterie
12	V35-912	Gaskabel	Throttle cable	Vergaserzug
13	VEL-00065	Stop soleniode	Stop soleniode	Solenoid-Schloss
14	VIN-00032	Kabel for fremdrift	Cable for propulsion	Antriebskabel vorn
15	VIN-00021	Vinkelled	Angled ball joints	Rohrknie-Rundgelenk
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


16
1
2
3
4
17
15
5
6
14
13
12
11
10
9
8
7

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	711219-00	Olieslange 400mm	Oilhose 400mm	Ölschlauch 400mm
2	711220-00	Oileslange 1200mm	Oilhose 1200mm	Ölschlauch 1200mm
3	711218-00	Olieslange 550mm	Oilhose 550mm	Ölschlauch 550mm
4	711217-00	Olieslange 260mm	Oilhose 260mm	Ölschlauch 260mm
5	VMO-00001	Trådflex for potte	Wireflex for exhaust	flexibler Auspuffdraht
6	711257-00	Øvre rør udstødning	Upper exhaust	Oberes Auspuffrohr
7	17201002	Clamps til udstødning	Clamps for exhaust ø35	Auspuffschelle
8	17201001	Clamps til udstødning	Clamps for exhaust ø42	Auspuffschelle
9	VMO-00002	Ronyflex slange	Rony flex hose	Ronyflex-Schlauch
10	VEL-00019	Varmeføler	Heat sensor	Temperatursensor
11	VMO-00055	Kølerprop	Radiator cap	Kühlerverschluss
12	VHY-00109	Vand/olie køler	Water/oil cooler	Wasser-/Ölkühler
13	711271-00	Luftslange	Airhose	Luftschlauch
14	VMO-00003	Ronyflex slange	Rony flex hose	Ronyflex-Schlauch
15	VMO-00010	Kubota motor	Kubota motor	Kubota-Motor
15.1	VEL-00066	Gløderør	Glowplug	Zündkerze
16	V34-609	Bracket for motor	Bracket for Motor	Motorstütze
17	VHY-00096	Termo by-pass ventil	Thermo by-pass valve	Thermo by-pass ventil
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				

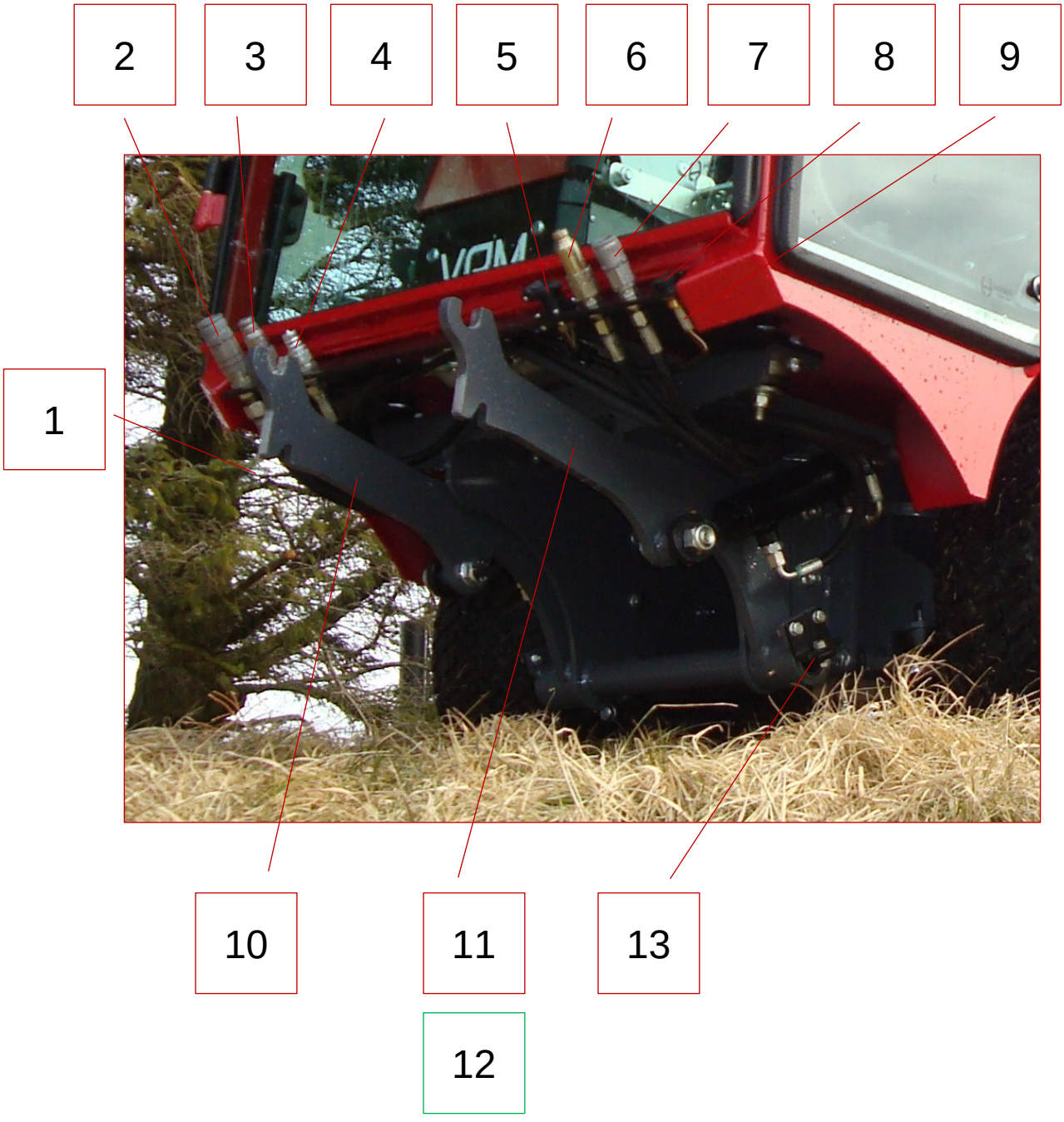
1 2 3 4

5

VPM-3400

Rev. fra 02- til

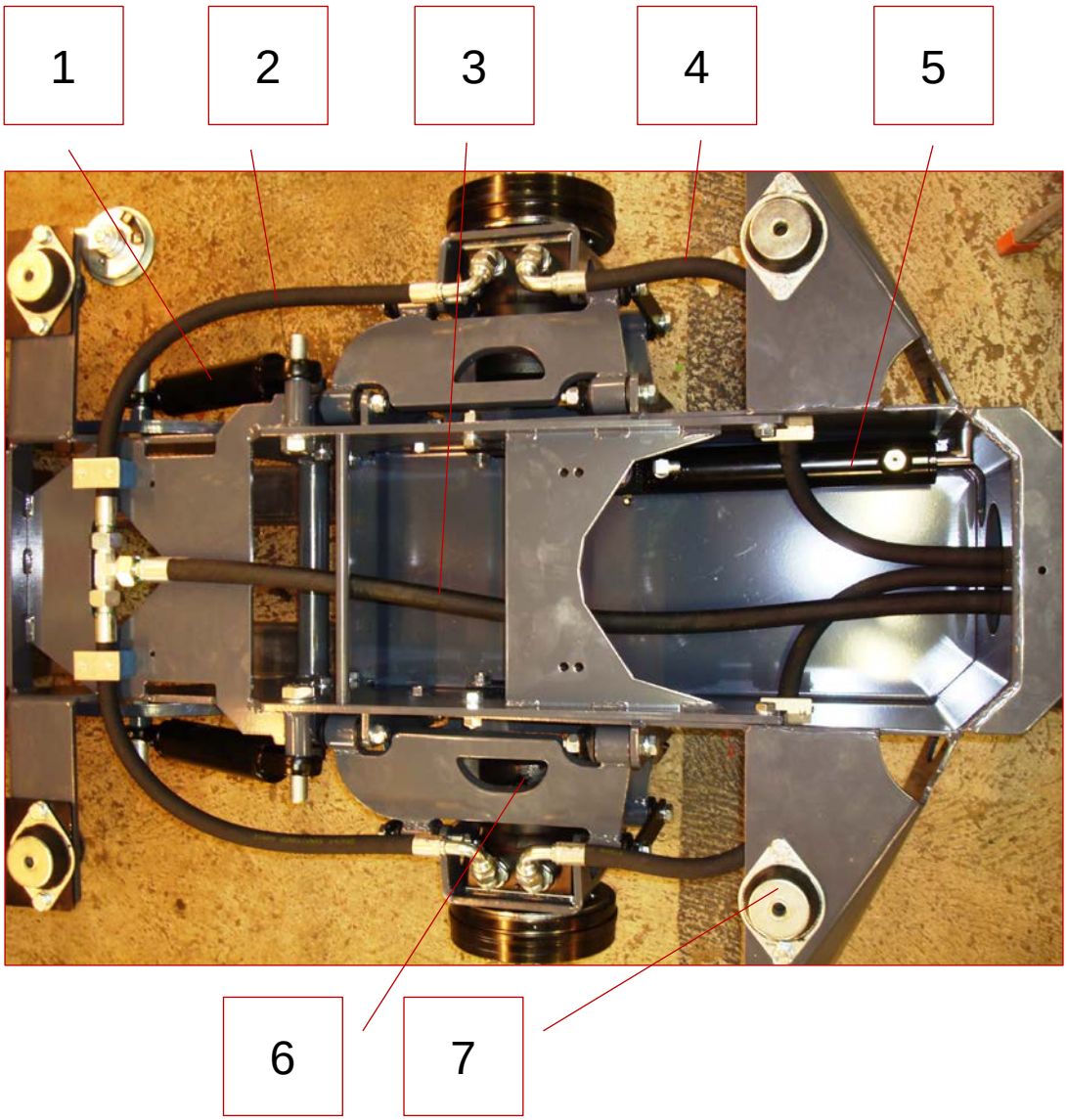
Pos.	Itemno.	Dansk	English	Deutsch
1	15901033	Generator	Generator	Generator
2	15901003	Ventilatorrem	Ventilator V-blet	Ventilator Keilriemen
3	VMO-00057	Olietryksindikator	Oil pressure indicator	Öldruckanzeige
4	15901037	Starter for motor	Starter for motor	Motorstarter
5	711253-00	Udstødning	Exhaust	Auspuff
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


2
3
4
5
6
7
8
9
1
10
11
13
12

VPM-3400

Rev. fra 02- til

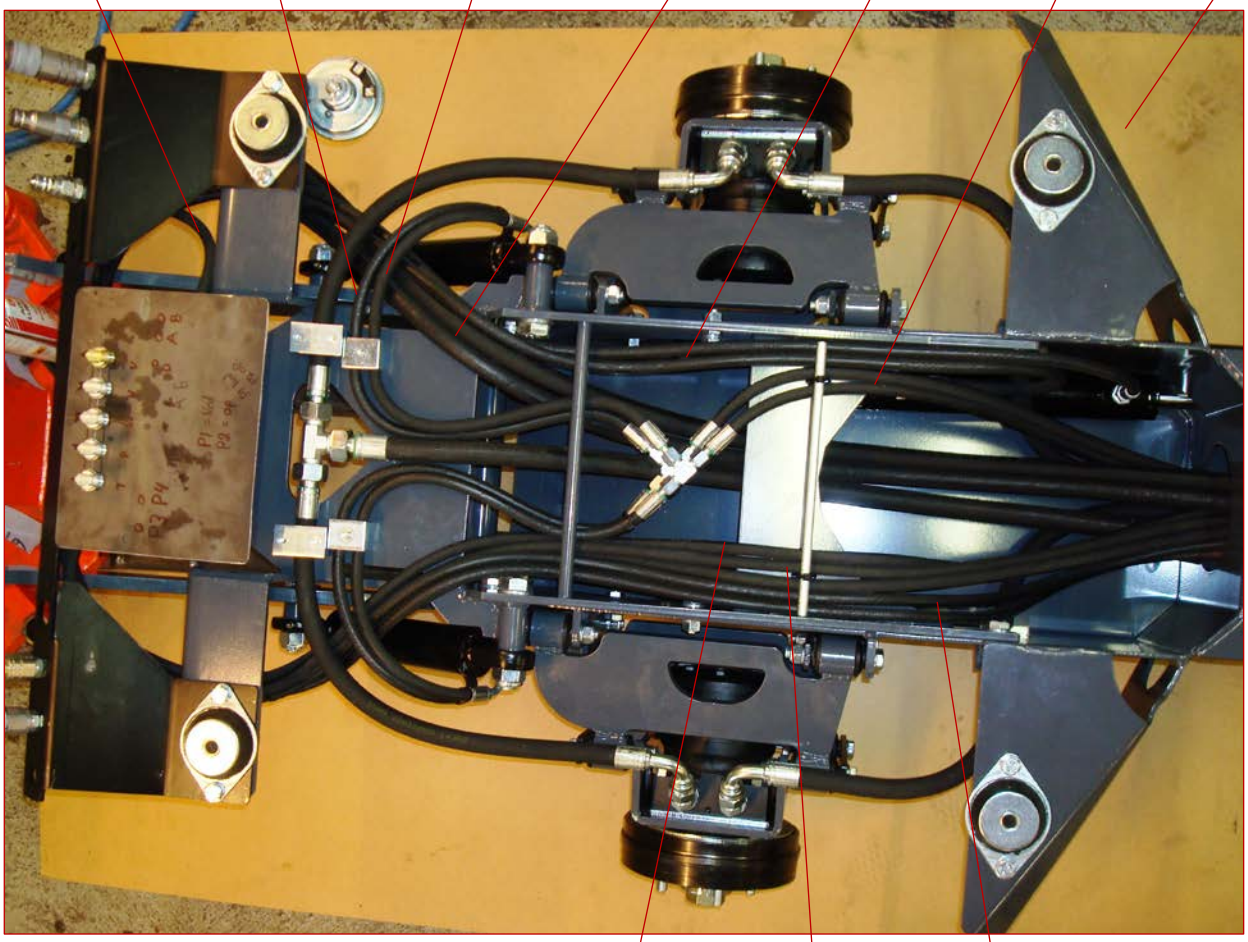
Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00020	Horn	Horn	Hupe
2	30101015	Lynkobling 1/2", hun	Quick coupling. female	Schnellkupplung
3	30101016	Lynkobling 1/2", han	Quick coupling. male	Schnellkupplung
4	30101010	Lynkobling 3/8", han	Quick coupling 3/8", male	Schnellkupplung
5	43501020	Stik 2-polet +1 pol Hun	Plug 2-point + 1 female pole	2-poliger Stecker
6	30101017	Lynkobling 1/4", han	Quick coupling. male	Schnellkupplung
7	30101012	Lynkobling 1/4", hun	Quick Coupling 1/4", female	Schnellkupplung
8	VEL-00117	Dæksel, 2 pol stik	Cover. 2 pin plug	Deckel. 2-poliger Stecker
9	VEL-00045	2 polet udtag	2 pole socket	2-poliger Steckdose
10	V34-386	H. liftarm	Liftarm Right	Hebearm rechts
11	V34-387	V. liftarm	Liftarm Left	Hebearm links
12	VTR-00006	Glidebøsning	Sleave bearing	Federzylinder
13	V1424	Torsionsfjeder	Torsion spring	Torsionsfeder
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


1
2
3
4
5
6
7

VPM-3400

Rev. fra 02- til

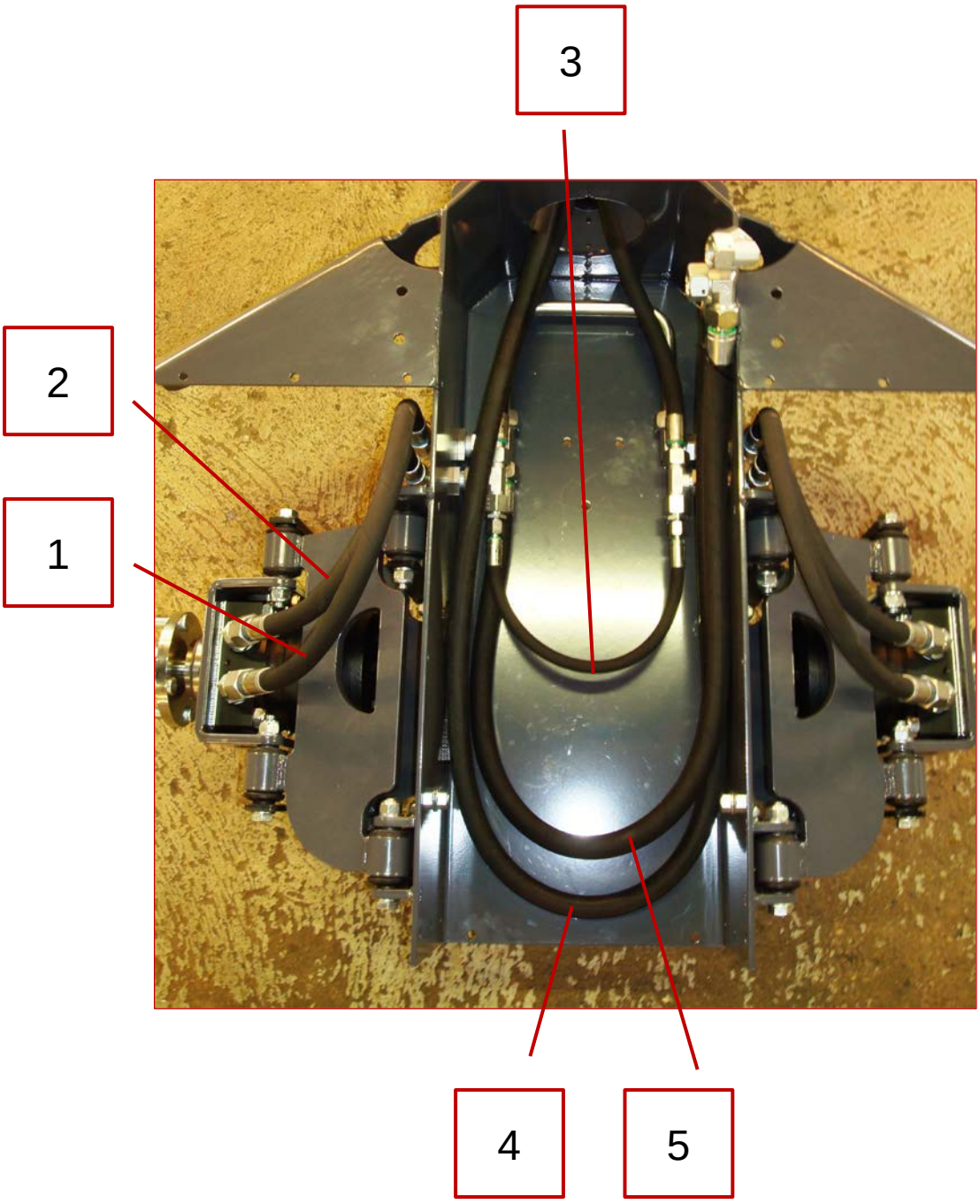
Pos.	Itemno.	Dansk	English	Deutsch
1	14201020	Liftcylinder	Liftcylinder	Hebecylinder
2	V3426	Hydr. slange 520mm	Hydr. hose 520mm	Hydraulikschlauch 520mm
3	V3431	Hydr. slange 2600mm	Hydr. hose 2600mm	Hydraulikschlauch 2600mm
4	V3427	Hydr. slange 1090mm	Hydr. hose 1090mm	Hydraulikschlauch 1090mm
5	VHY-00001	Styrecylinder	Power steering ram	Steuerzylinder
6	VHY-00100	Hjulmotor	Wheel motor	Radmotor
7	VIN-00100	vibrationsdæmper	Vibration absorber	Vibrationsdimmer
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


1
2
3
4
5
6
7
8
9
10

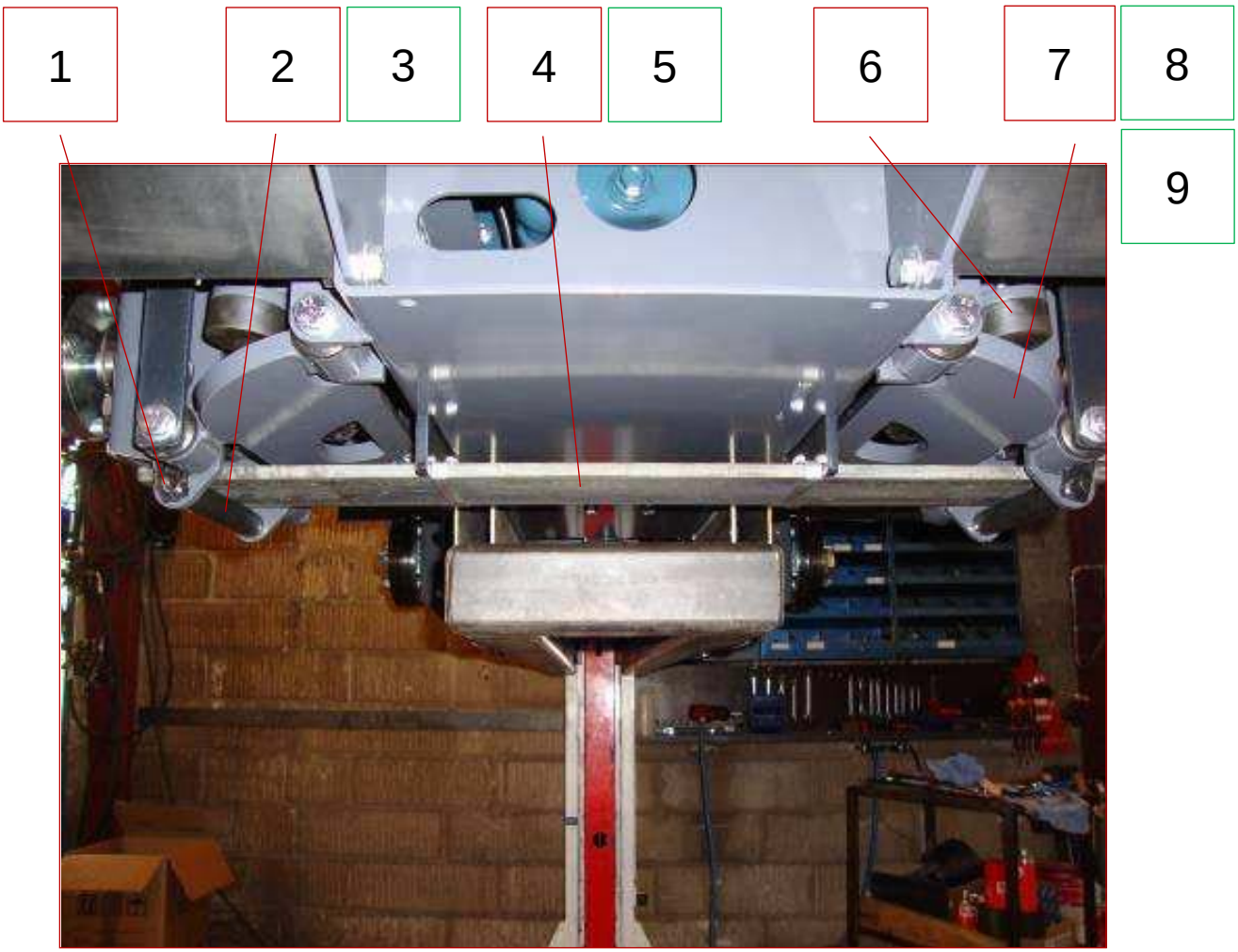
VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V3401	Hydr. slange 350mm	Hydr. hose 350mm	Hydraulikschlauch 350mm
2	V3406	Hydr. slange 750mm	Hydr. hose 750mm	Hydraulikschlauch 750mm
3	V3407	Hydr. slange 610mm	Hydr hose 610mm	Hydraulikschlauch 610mm
4	V3424	Hydr. slange 2180mm	Hydr. hose 2180mm	Hydraulikschlauch 2180mm
5	V3405	Hydr. slange 1350mm	Hydr. hose 1350mm	Hydraulikschlauch 1350mm
6	V3408	Hydr. slange 1000mm	Hydr. hose 1000mm	Hydraulikschlauch 1000mm
7	43601031	Stelkabel	Ground cable	Erdungskabel
8	V3402	Hydr. slange 1880mm	Hydr. hose 1880mm	Hydraulikschlauch 1880mm
9	V3403	Hydr. slange 2300mm	Hydr. hose 2300mm	Hydraulikschlauch 2300mm
10	V3404	Hydr. slange 1750mm	Hydr. hose 1750mm	Hydraulikschlauch 1750mm
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


3
2
1
4
5

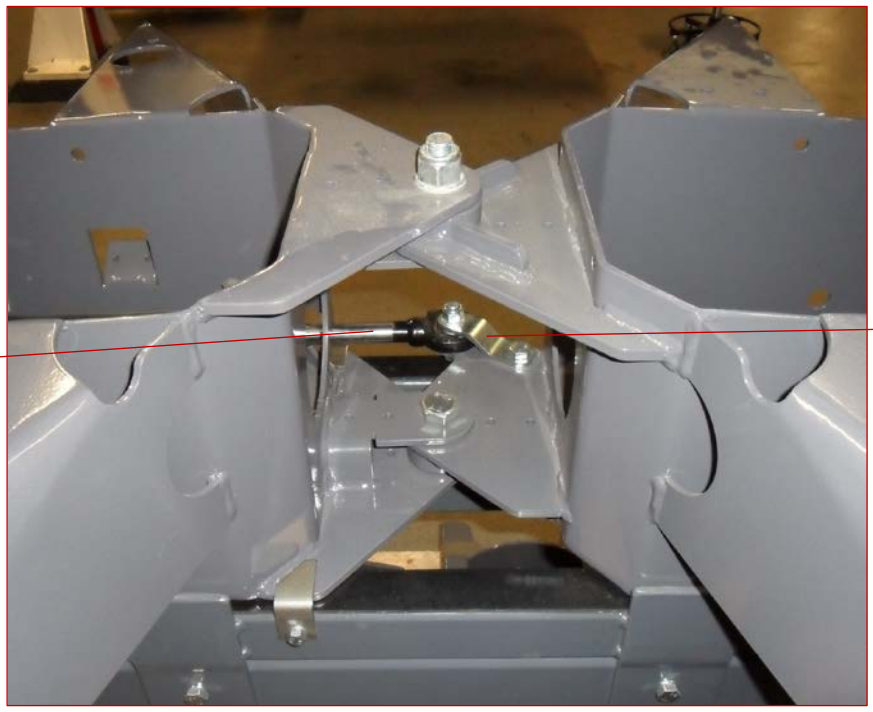
Pos.	Itemno.	Dansk	English	Deutsch
1	V3429	Hydr. slange 540mm	Hydr. hose 540mm	Hydraulikschlauch 540mm
2	V3428	Hydr. slange 410mm	Hydr. hose 410mm	Hydraulikschlauch 410mm
3	V3409	Hydr. slange 360mm	Hydr. hose 360mm	Hydraulikschlauch 360mm
4	V3431	Hydr. slange 2600mm	Hydr. hose 2600mm	Hydraulikschlauch 2600mm
5	V3430	Hydr. slange 1020mm	Hydr. hose 1020mm	Hydraulikschlauch 1020mm
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

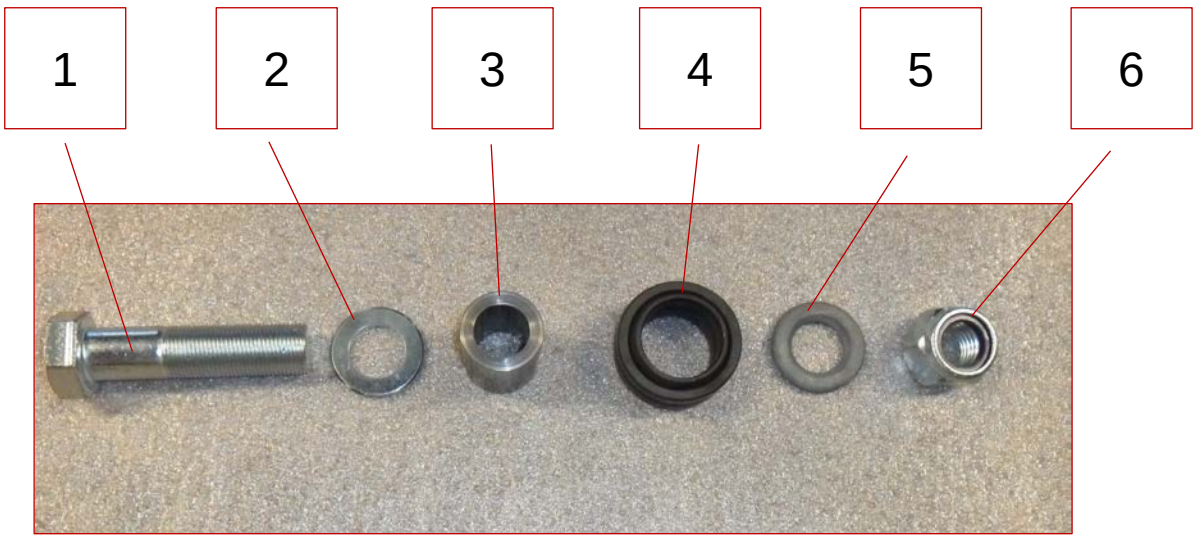

1
2
3
4
5
6
7
8
9

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V1206	Nagle for fjederruller	Spike for spring roller	Federrollenspitze
2	V1432	Fjeder rulle	Springroller	Federrolle
3	VTR-00004	Glidebøsning - fjeder rulle	Bushing for spring roller	Gleitbuchse Federzylinder
4	V34-132	Fjeder 10 mm	Spring 10 mm rear	Feder 10 mm
5	V34-305	Fjeder 8 mm	Spring 8mm front	Feder 8 mm
6	VIN-00023	Gummistop	Rubber stop	Gummisperre
7	711106-00	Bærearm incl. bøsninger	Support arm w/bushing	Stützarm. inkl. Gehäuse
8	VIN-00027	Bærearmsbøsninger	Bushing for support arm	Trägerarmgehäuse
9	VBE-021012090	M12x90 Stålbolt	M12x90 Steel bolt	Stahlschraube M12x90
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


8
9
7


1
2
3
4
5
6

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VBE-024120080	Bolt	Bolt	Schraube
2	40201007	Skive	Washer	Scheibe
3	V34-596	Bøsning for knæk	Bushing	Biegungsgehäuse
4	14901004	Ledøje	Joint eye	Gelenk Auge
5	40101021	Skive	Washer	Unterlegscheibe
6	VBE-042220	Låsemøtrik	Locknut	Sicherungsmutter
7	V34-561	Beslag for styrecyl.	Bracket for cyl.	Beschlag Steuerzylinder
8	VHY-00001	Styrecylinder	Power steering ram	Steuerzylinder
9	V34-595	Bøsning ved styrecylinder	Bushing for steering arm	Steuerzylindergehäuse
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

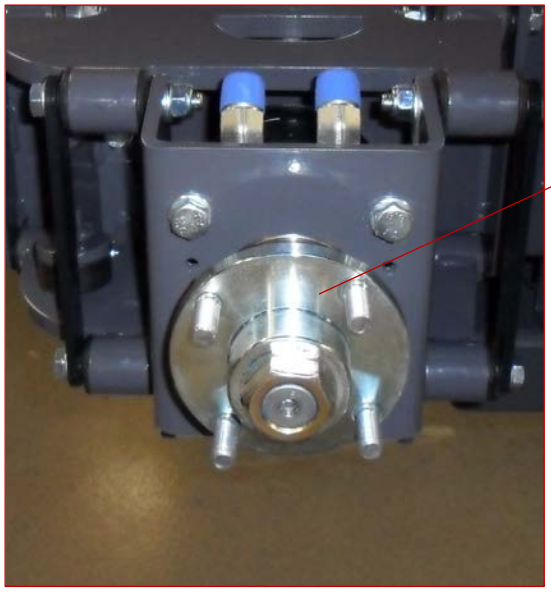
1

2

3

4

5

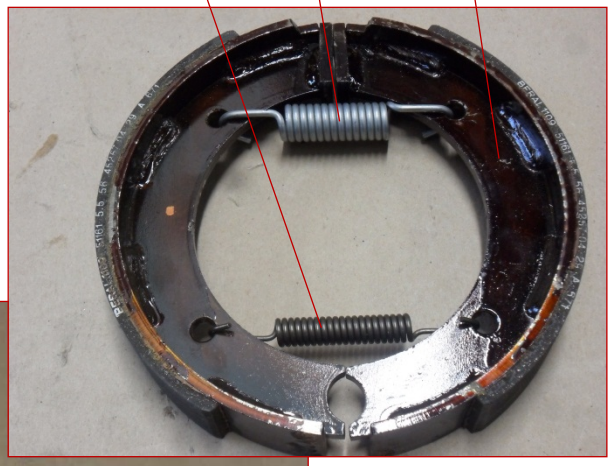


9

8

7

6



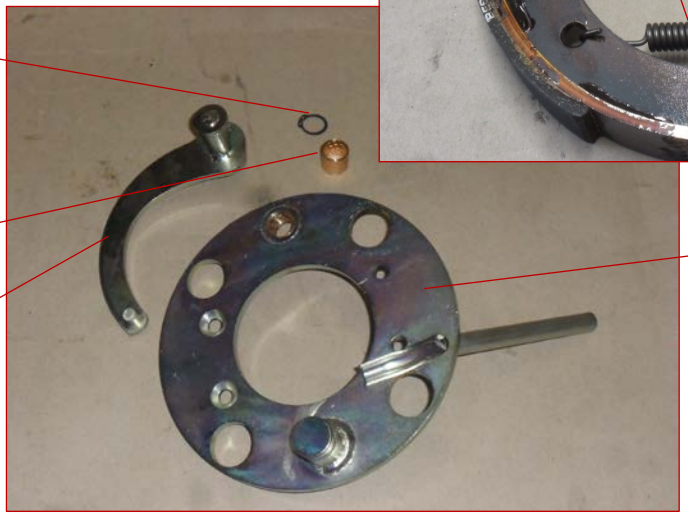
16

15

14

12

13



10

11

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VHY-VO-16-1/2F	Vinkelindskruning	Elbow fitting	Rohrknie
2	VIN-00025	Bremse tromler	Brake drums	Trommelbremse
3	711250-01	Bremsekabel V	Brake cable left	Bremskabel links
4	711249-01	Bremsekabel H	Brake cable right	Bremskabel rechts
5	VIN-00177	Bremsekabel fælles	Cable for brakes	Bremskabel
6	46101005	Bremsebakke	Brakeshoe	Bremsbacke
7	711287-00	Fjeder	Spring	Feder
8	711286-00	Fjeder	Spring	Feder
9	711136-00	Hjulnav m. bolte	Wheel hub	Radnabe mit Schrauben
10	711245-01	Ankerplade V	Anchor Plate left	Ankerplatte links
11	711280-01	Ankerplade H	Anchor Plate right	Ankerplatte rechts
12	711275-00	Bremsenøgle V	Brake key left	Bremsschlüssel links
13	711282-00	Bremsenøgle H	Brake key right	Bremsschlüssel rechts
14	34201007	Bøsning	Brushing	Gehäuse
15	41101012	Låsering	Locking ring	Dichtungsring
16	41101011	Låsering	Locking ring	Dichtungsring
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


1
2
3
4
5
6
7

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VEL-00099	Blæser for AC	Ventilator	Klimaanlagenventilator
2	711116-00	Mont. AC-bagplade	Mounted AC-backshield	befestigte Rückplatte
3	VAC-00010	Kondensator	Condenser	Kondensator
4	711268-00	AC-rør (lavtryk)	AC-pipe (low pressure)	Klimaanlagenrohr
5	711267-00	AC-rør (højtryk)	AC-pipe (high pressure)	Klimaanlagenrohr
6	VAC-341001	Slange for AC (lavtryk)	Hose for AC (low pressure)	Klimaanlagenrohr
7	VAC-340803	Slange for AC (højtryk)	Hose for AC (high pressure)	Klimaanlagenrohr
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

1

2

3

4

5

6

7

8

VPM-3400

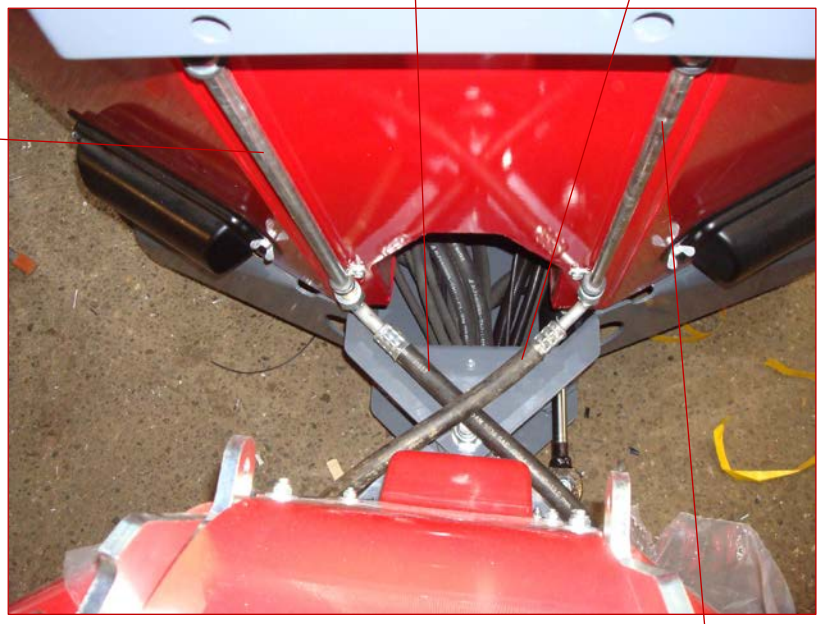
Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VAC-00013	Kompressor for AC	Compressor	Klimaanlagenkompressor
2	711201-00	Beslag stor	Bracket large	großer Stützbeschlag
3	711202-00	Beslag lille	Bracket small	kleiner Stützbeschlag
4	VAC-00011	Filter for AC	Filter for AC	Klimaanlagenfilter
5	VAC-00012	Pressostat	Pressure switch	Druckschalter - Pressostat
6	VAC-340601	Slange for AC	Hose for AC	Klimaanlagenschlauch
7	VAC-340602	Slange for AC	Hose for AC	Klimaanlagenschlauch
8	VAC-341003	Slange for AC	Hose for AC	Klimaanlagenschlauch
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

1

3

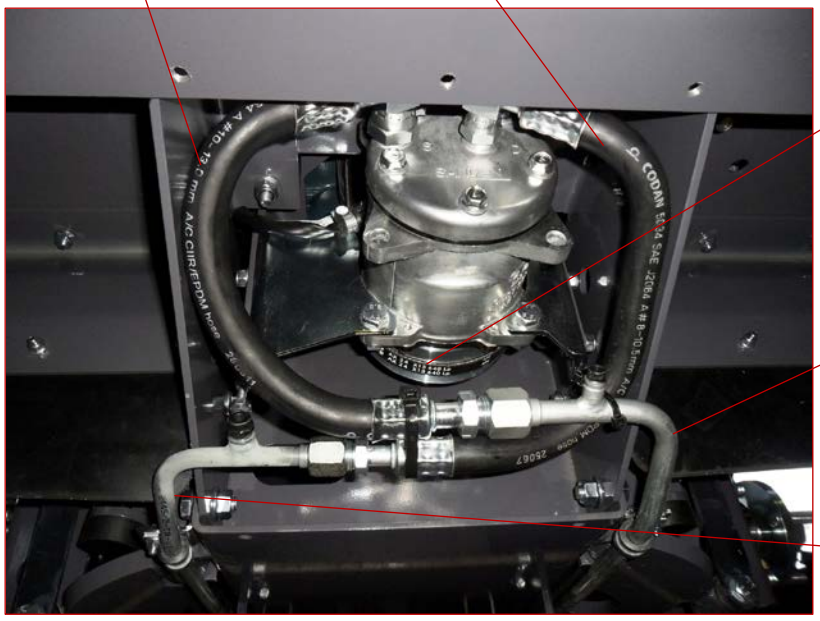
2



6

4

5



8

7

9

10

VPM-3400

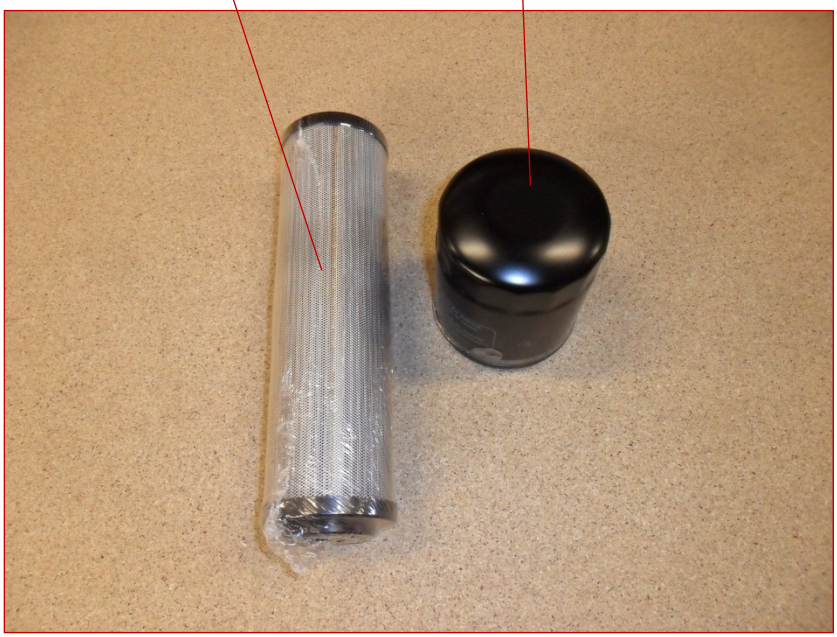
Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	VAC-340801	Slange for AC	Hose for AC	Klimaanlagenschlauch
2	VAC-340803	Slange for AC (højtryk)	Hose for AC (high pressure)	Klimaanlagenrohr
3	VAC-341001	Slange for AC (lavtryk)	Hose for AC (low pressure)	Klimaanlagenrohr
4	VAC-341002B	Slange for AC	Hose for AC	Klimaanlagenschlauch
5	VAC-340802B	Slange for AC	Hose AC	Klimaanlagenschlauch
6	711268-00	AC-rør (lavtryk)	AC-pipe (low pressure)	Klimaanlagenrohr
7	711267-00	AC-rør (højtryk)	AC-pipe (high pressure)	Klimaanlagenrohr
8	VTR-00008	Kilerem AX24	V-belt AX24	Keilriemen AX24
9	711270-00	AC-rør (lavtryk)	AC-pipe (low pressure)	Klimaanlagenrohr
10	711269-00	AC-rør (højtryk)	AC-pipe (high pressure)	Klimaanlagenrohr
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

1

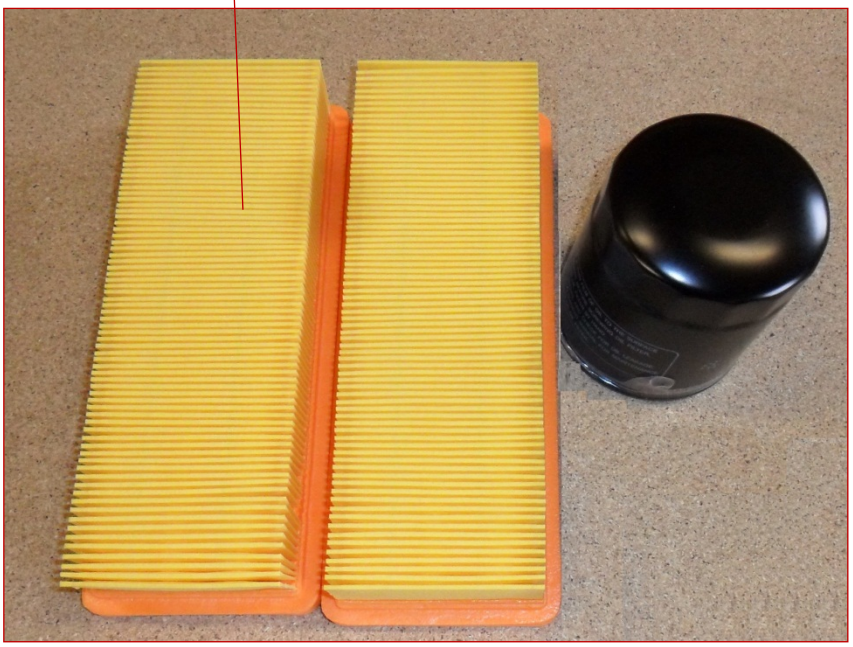
2

3



4

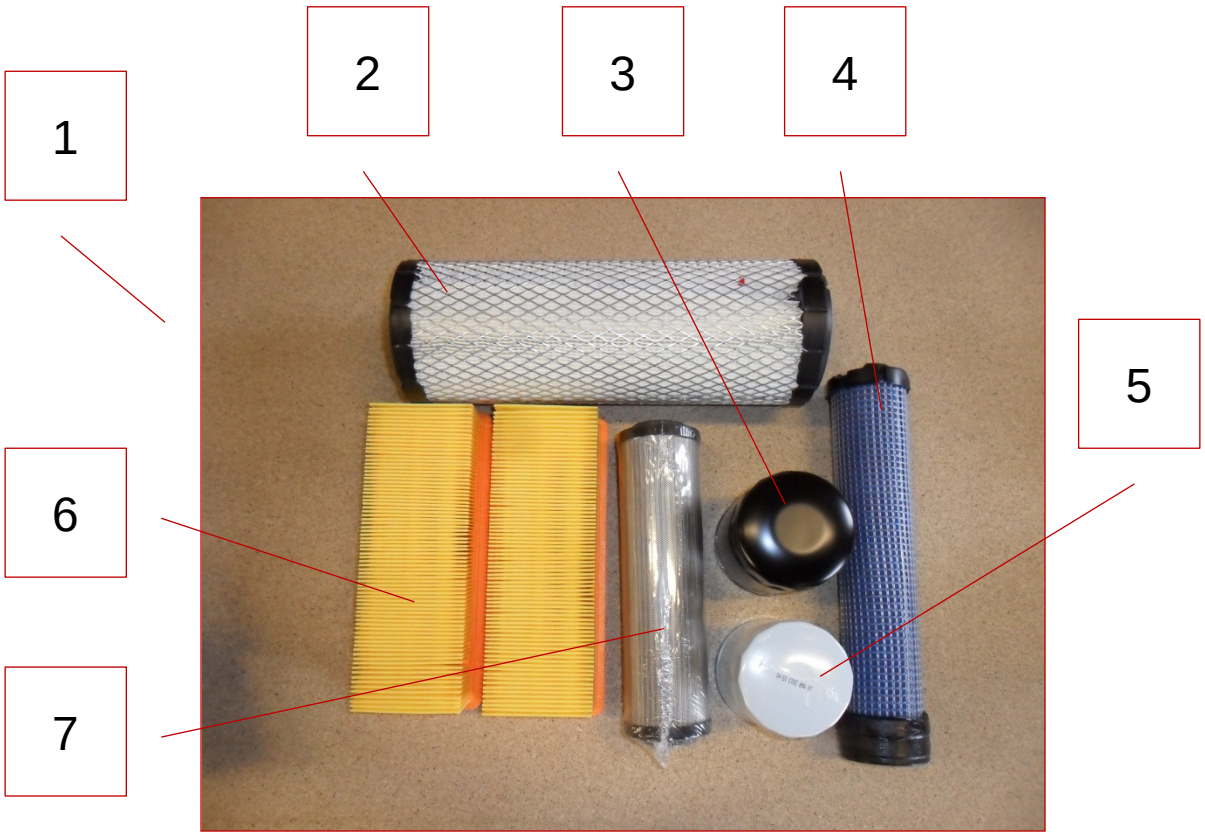
5



VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V34-160	50 timers servicekit	Service kit 50 hours	Service-Set 50 Stunden
2	VHY-00114	Hydraulikolie returfilter	Circuit return filter	Hydraulikölrückfilter
3	VMO-00050	Motoroliefilter	Engine oil filter	Motorölfilter
4	V34-161	200 timers servicekit	Servicekit 200 hours	Service-Set 200 Stunden
5	VMO-00054	Kabinefilter	Cabin filter	Kabinenfilter
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


1
2
3
4
5
6
7

VPM-3400

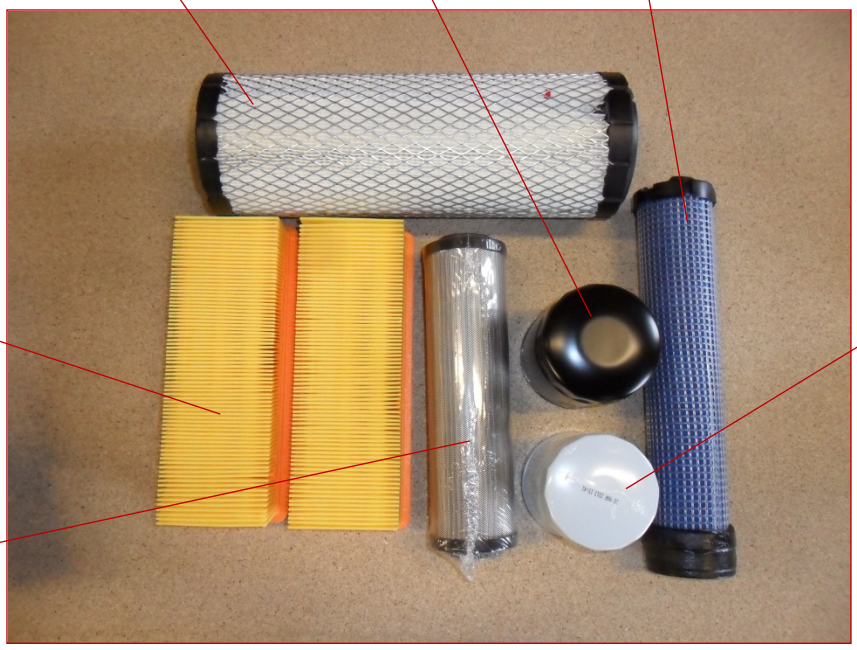
Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V34-159	400 timers servicekit	400 hour servicekit	Servicekit 400 stunden
2	VMO-00052	Yderste luftfilter	Outside airfilter	Außenluftfilter
3	VMO-00050	Motoroliefilter	Engine oil filter	Motorölfilter
4	VMO-00053	Inderste luftfilter	Inside airfilter	Innenluftfilter
5	VMO-00051	Brændstoffilter	Fuel filter	Kraftstofffilter
6	VMO-00054	Kabinefilter	Cabin filter	Kabinenfilter
7	VHY-00114	Hydraulikolie returfilter	Circuit return filter	Hydraulikölrückfilter
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				

2

3

4



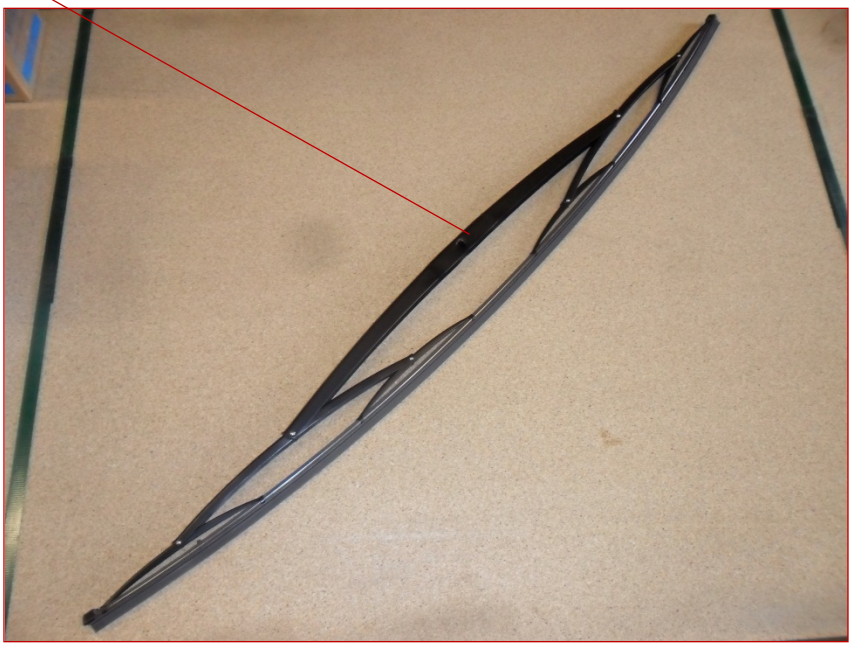
5

6

7

1

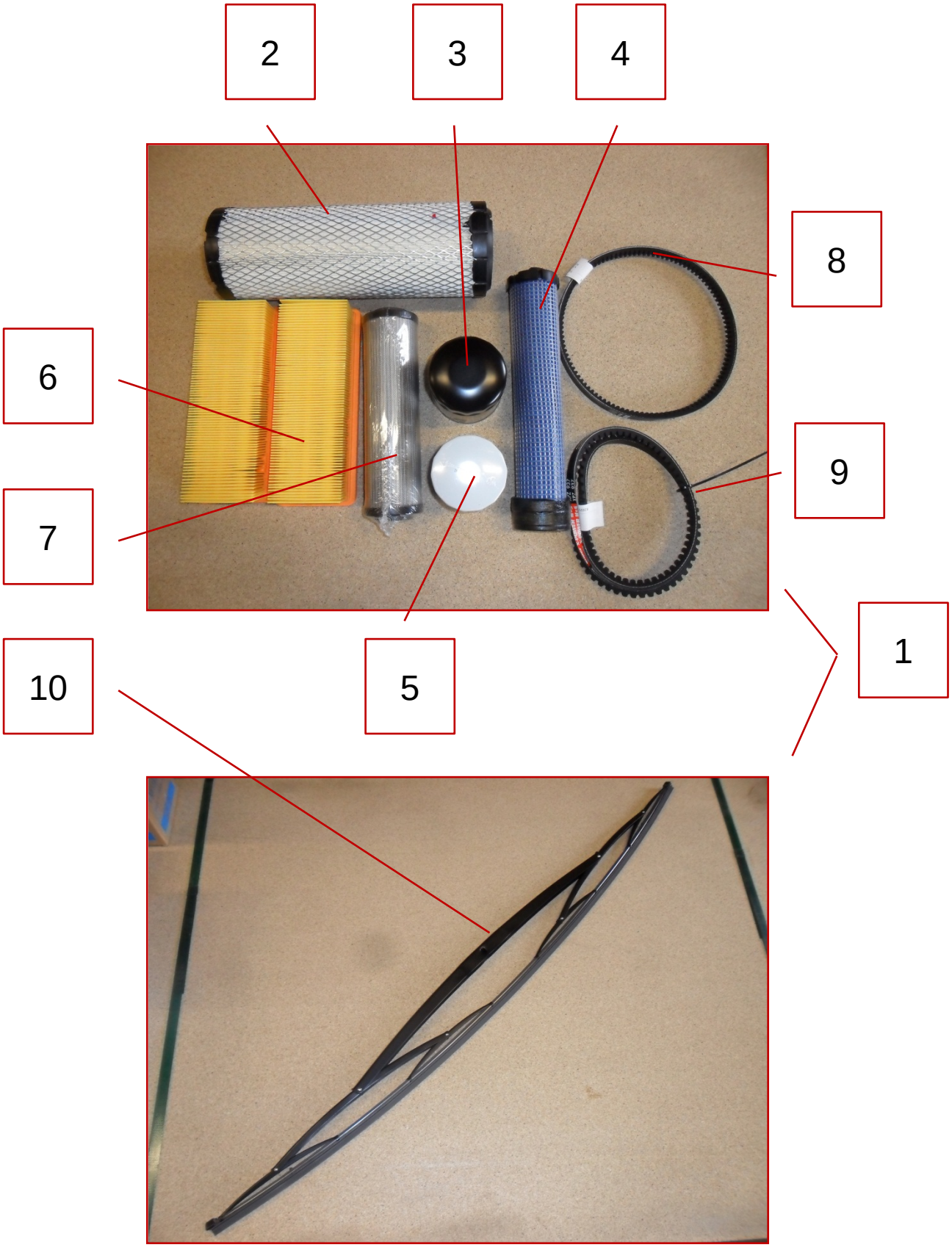
8



VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V34-158	800 timers servicekit	800 hours servicekit	800 Stunden Servicekit
2	VMO-00052	Yderste luftfilter	Outside airfilter	Außenluftfilter
3	VMO-00050	Motoroliefilter	Engine oil filter	Motorölfilter
4	VMO-00053	Inderste luftfilter	Inside airfilter	Innenluftfilter
5	VMO-00051	Brændstoffilter	Fuel filter	Kraftstofffilter
6	VMO-00054	Kabinefilter	Cabin filter	Kabinenfilter
7	VHY-00114	Hydraulikolie returfilter	Circuit return filter	Hydraulikölrückfilter
8	VIN-00072	Viskerblad	Wiper blade	Scheibenwischerblatt
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				


2
3
4
8
6
9
7
1
10
5

VPM-3400

Rev. fra 02- til

Pos.	Itemno.	Dansk	English	Deutsch
1	V34-157	1200 timer servicekit	1200 hour servicekit	1200 Stunden Servicekit
2	VMO-00052	Yderste luftfilter	Outside airfilter	Außenluftfilter
3	VMO-00050	Motoroliefilter	Engine oil filter	Motorölfilter
4	VMO-00053	Inderste luftfilter	Inside airfilter	Innenluftfilter
5	VMO-00051	Brændstoffilter	Fuel filter	Kraftstofffilter
6	VMO-00054	Kabinefilter	Cabin filter	Kabinenfilter
7	VHY-00114	Hydraulikolie returfilter	Circuit return filter	Hydraulikölrückfilter
8	VTR-00008	Kilerem AX24	V-belt AX24	Keilriemen AX24
9	15901003	Ventilatorrem	Ventilator V-blet	Ventilator Keilriemen
10	VIN-00072	Viskerblad	Wiper blade	Scheibenwischerblatt
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				